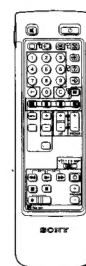
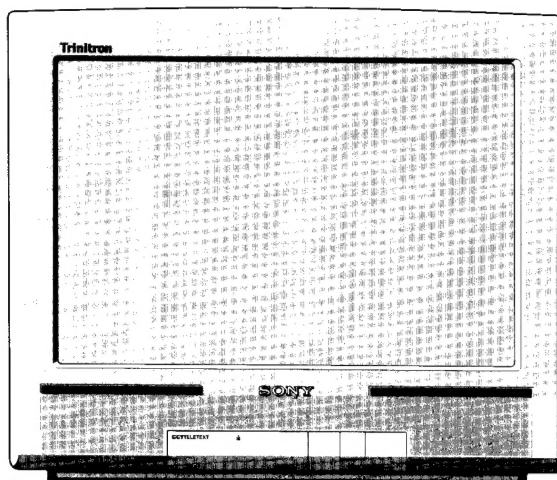


SERVICE MANUAL

BE-3B CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-25M1A	RM-837	Italian	SCC-G81U-A	KV-25T1E	RM-837	Spanish	SCC-G82U-A
KV-25T1A	RM-837	Italian	SCC-G81T-A	KV-25M1K	RM-837	OIRT	SCC-G86U-A
KV-25T1B	RM-837	French	SCC-G85T-A	KV-25T1K	RM-837	OIRT	SCC-G86T-A
KV-25M1D	RM-837	AEP	SCC-G77V-A	KV-25T1L	RM-837	Irish	SCC-G83E-A
KV-25T1D	RM-837	AEP	SCC-G77U-A	KV-25T1R	RM-837	OIRT	SCC-G86V-A
KV-25M1E	RM-837	Spanish	SCC-G82V-A	KV-25T1U	RM-837	UK	SCC-G87M-A



TRINITRON® COLOR TV
SONY®

ITEM	MODEL	Television System	Channel Coverage	Colour System
Italian	B/G/H	VHF: E2-E12, S1-S20, A-H, H1, H2 UHF: E21-E69		PAL, SECAM NTSC3.58/4.43 (video input only)
French	B/G/H, L, I	L SECAM VHF: F2-F10 UHF: F21-F69 TV CABLE TV (1) VHF: B-Q UHF: S21-S44 PAL B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 PAL I UHF: B21-B69		PAL, SECAM NTSC3.58/4.43 (video input only)
AEP	B/G/H, D/K	B/G/H VHF: E2-E12 UHF: S1-S20 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 D/K VHF: R01-R20 UHF: B21-B69		PAL, SECAM NTSC3.58/4.43 (video input only)
Spanish	B/G/H	PAL B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2		PAL NTSC3.58/4.43 (video input only)
OIRT	B/G/H, D/K	B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 D/K VHF: R01-R12 UHF: R21-R69		PAL, SECAM NTSC3.58/4.43 (video input only)
Irish UK	I	25T1L UHF: B21-B69 25T1U VHF: A-C, D-J UHF: B21-B69 Cable Channels S1-S20 Hyper band S21-S41		PAL NTSC3.58/4.43 (video input only)

MODEL	25M1A	25T1A	25T1B	25M1D	25T1D	25M1E	25T1E	25M1K	25T1K/25T1R	25T1L/25T1U
Power Consumption	95W	97W	97W	95W	97W	95W	97W	95W	95W	95W

SPECIFICATIONS

Picture Tube Super Trinitron
Approx. 63 cm (25 inches)
(Approx. 59 cm picture measured
diagonally)
110° -deflection

Sound output 10W (music power)
5W (RMS)
Dimensions Approx. 604x549x508 mm
Weight Approx. 31 kg
Supplied accessories Remote Commander RM-837 (1)
Battery R6 (1)

Rear/Front Terminals

[REAR]

- ➡ 21-pin Euro connector (CENELEC standard)
- Input for audio and video signals
- Input for RGB
- Outputs of TV video and audio signals

[FRONT]

- ➡ 2 Video input - phono jack
- ➡ 2 Audio inputs - phono jacks
- 🎧 Headphone jack : stereo minijack

Other features

Teletext (KV-25M1A/25T1B/25M1D/25T1D/25T1K)
Top-Text/Fasttext (KV-25T1A/25T1B/25M1D/25T1D/
25T1E/ 25T1K/25T1R)
Fasttext (KV-25T1L/25T1U)


[RM-837]

Remote control system infrared control
Power requirements 1.5V ds
1 battery IEC designation
R6 (size AA)
Dimensions Approx. 65x225x21mm (w/h/d)
Weight Approx. 157g (Not including battery)

Design and specifications are subject to change without notice.

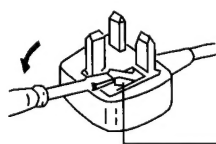
Item \ Model name	KV-25M1A KV-25T1A	KV-25T1B	KV-25M1D KV-25T1D	KV-25M1E KV-25T1E	KV-25M1K KV-25T1K KV-25T1R	KV-25T1L KV-25T1U
Pal Comb	OFF	OFF	OFF	OFF	OFF	OFF
PIP	OFF	OFF	OFF	OFF	OFF	OFF
Scart 1	ON	ON	ON	ON	ON	ON
Scart 2	OFF	OFF	OFF	OFF	OFF	OFF
Front in (3)	ON	ON	ON	ON	ON	ON
Scart 4	OFF	OFF	OFF	OFF	OFF	OFF
AKB in 16:9 mode	ON	ON	ON	ON	ON	ON
Norm B/G/H	ON	ON	ON	ON	ON	OFF
Norm I	OFF	ON	OFF	OFF	OFF	ON
Norm D/K	OFF	OFF	ON	OFF	ON	OFF
Norm AUS	OFF	OFF	OFF	OFF	OFF	OFF
Norm L	OFF	ON	OFF	OFF	OFF	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF	OFF
Language Preset	Italian	French	German	Spanish	OIRT	English

WARNING (KV-25T1L/25T1U only)




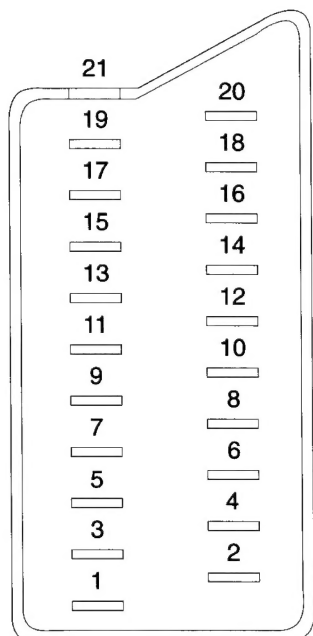
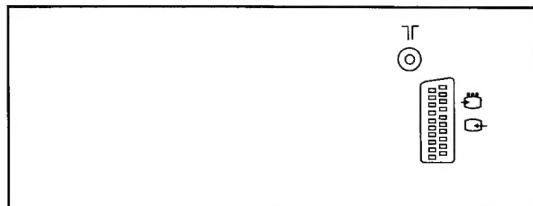
The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** capacity. Should the fuse need to be replaced, use a **5 AMP FUSE** approved by **ASTA** to **BS 1362**, ie one that carries the  mark.

IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR YOUR SOCKET OUTLETS IN YOUR HOME. IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET OUTLET.

When an alternative type of plug is used it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with the screwdriver blade and replace the fuse.

21 pin connector ( 1,  2,  2)

Pin No.	1	2	4	Signal	Signal Level
1	○	○	○	Audio output B (Right)	Standard level : 0.5V rms Output impedance : Less than 1k ohms*
2	○	○	○	Audio input B (Right)	Standard level : 0.5V rms Output impedance : More than 10k ohms*
3	○	○	○	Audio output A (Left)	Standard level : 0.5V rms Output impedance : Less than 1k ohm*
4	○	○	○	Ground (Audio)	
5	○	○	○	Ground (Blue)	
6	○	○	○	Audio input A (Left)	Standard level : 0.5V rms Output impedance : Less than 10k ohms*
7	○	●	●	Blue input	0.7 ± 3dB, 75 ohms, positive
8	○	○	○	Function select (AV control)	High state (9.5 - 12V) : Part mode Low state (0 - 2V) : TV mode Input impedance : More than 10k ohms Input capacitance : Less than 2nF
9	○	○	○	Ground (Green)	
10	○	○	○	Open	
11	○	●	●	Green	
12	○	○	○	Open	
13	○	○	○	Ground (Red)	
14	○	○	○	Ground (Blanking)	
15	○	—	—	Red input	0.7 ± 3dB, 75 ohms, positive
16	○	●	●	(S signal) chroma input	0.7 ± 3dB, 75 ohms, positive
17	○	○	○	Blanking input (Ys signal)	High state (1 - 3V) Low state (0 - 0.4V) Input impedance : 75 ohms
18	○	○	○	Ground (Video output)	
19	○	○	○	Ground (Video input)	
20	○	—	—	Video output	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
21	○	○	○	Video input	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
	—	○	○	Video input Y (S signal)	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
	○	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (Open) * at 20Hz - 20kHz

Pin No.	Signal	Signal Level
1	Ground	
2	Ground	
3	Y (S signal) input	1V ± 3dB 75 ohm, positive Sync. 0.3V -3 + 10dB
4	C (S signal) input	0.3V ± 3dB 75ohm, positive Sync.

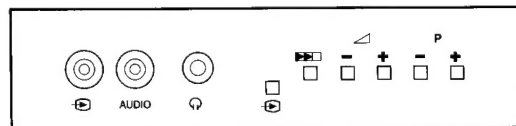


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CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND, IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.


ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION !!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES VUES EXPLOSÉES ET LES LISTES DE PIÉCES SONT D'UNE IMPORTANCE CRITIQUE PUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

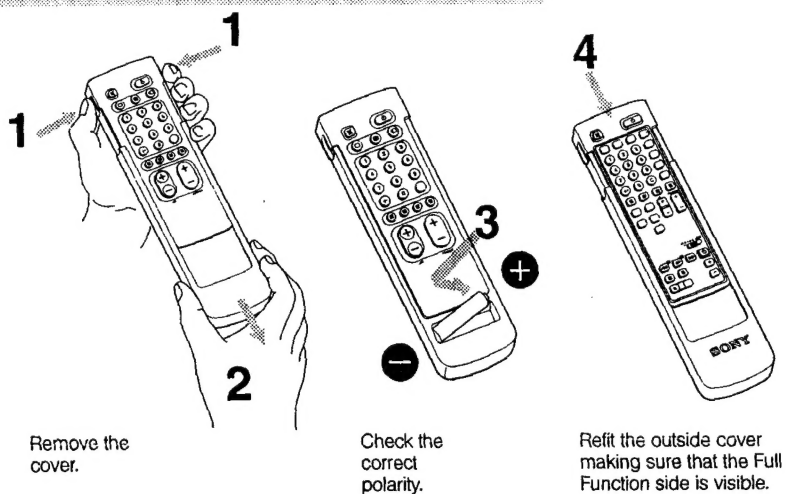
SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Getting Started

Please open the flap at the front and at the back of the Instruction Manual for illustrations of the TV set and the Remote Commander. Letters in boxes refer to the buttons on the TV set, numbers in circles to the buttons on the Remote Commander.

Inserting the Battery Into the Remote Commander

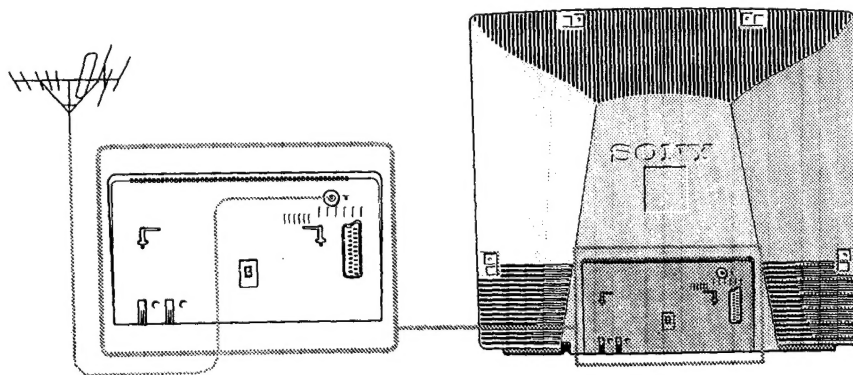


About Battery Life

Under normal operation, a battery will last up to half a year. Always remember to dispose of used batteries in an environmental friendly way.

Connecting the Aerial

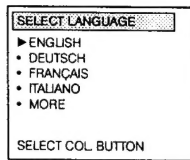
Connect the aerial to the "I" socket at the rear of the TV. (cable not supplied)



Choosing a Language

(See inside of front cover and back cover)

- 1 Depress ① A on the TV.**
The TV turns on. If the standby indicator ③ on the TV is lit, press ④ or any number button ⑤ on the Remote Commander.
- 2 Press MENU ⑦ on the Remote Commander.**
The SELECT LANGUAGE screen appears.
- 3 Press one of the colour buttons ⑩ on the Remote Commander to select a language (Press the white button ⑪ to display other language alternatives).** The SELECT LANGUAGE screen clears and all subsequent menus appear in the chosen language.



Note: From the second time when you turn on the TV, the MENU screen appears instead of the SELECT LANGUAGE screen. Press the green button ⑩ then press the white button ⑪ to redisplay the SELECT LANGUAGE screen.

Tuning in to Channels

You can tune in to up to 60 channels to programme positions either automatically or manually.

- auto tuning:** A single button press allows all receivable channels to be tuned. Use if you are unfamiliar with the channel numbers of stations.
- manual tuning:** Use if you are familiar with the channel numbers of stations.

Choose the more appropriate way for you.

Tuning in to Channels Automatically

There are two possibilities for auto tuning;

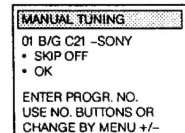
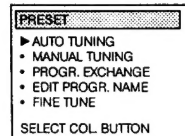
- A.** On the TV: hold down ⑥ ⑥ on the front of the TV for 2 seconds
or
- B.** On the Remote Commander: as follows

- 1 Press MENU ⑦.**
- 2 Press the yellow button ⑩.**
- 3 Hold down the red button ⑪ for 2 seconds,**

Note: Press the green button ⑩ to cancel.

Tuning in to Channels Manually

- 1 Press MENU ⑦.**
The MENU screen appears.
- 2 Press the yellow button ⑩ to select PRESET.**
The PRESET screen appears.
- 3 Press the green button ⑩ to select MANUAL TUNING.**
The MANUAL TUNING screen appears.



4 Press the number buttons ④ or MENU +/- ③ to select a programme position.

If you use the number buttons ④, enter a double-digit number. (e.g. for programme number 4, first press 0, then 4)

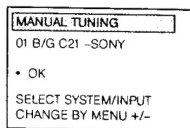
5 Press the green button ⑦.

Note: Use MENU +/- ③ to select TV system.

You can alternatively select input sources which may be assigned to programme positions.

The display changes as follows:

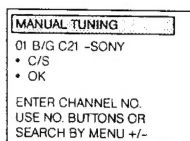
B/G → D/K → AV1 → RGB → AV2



6 Press the green button ⑦.

Note: If a video input source is selected in step 5, this is now stored.

Refer to step 4 to tune other programme positions.



7 If you have selected B/G in step 5, press the red button ⑪ to select C (regular channel) or S (cable channel).

8 Press the number buttons ④ or MENU +/- ③ to select the channel number.

If you use the number buttons ④, enter a double-digit number. (e.g. for channel 23, first press 2, then 3)

9 Press the green button ⑦ to store.

Note: If you want to preset other channels, repeat steps 4 to 9.

10 Press MENU ② twice to return to the normal screen.

Note: You can skip unused programme positions when selecting programmes with the PROGR +/- buttons ⑩.

Press the red button ⑪ to skip in step 4. However, the skipped programmes may still be called up when you use the number buttons.

Basic TV Operations

Turning the TV on and off

Turning on

Depress ① A on the TV.

Turning off temporarily

Press ① ⑩ on the Remote Commander.

The TV enters standby mode and the standby indicator ③ on the front of the TV lights up.

Turning on again

Press ① ③, PROGR +/- ⑩, or one of the number buttons ④ on the Remote Commander.

Turning off completely

Depress ① A on the TV.

Note: It is recommended to use ① A to turn off the TV. This could help you save energy.

Selecting TV Programmes

Press PROGR +/- ⑩ or press the number buttons ④.

To select a double-digit number

Press +/- ③, then the number buttons ④.

Adjusting the Volume

Press ① +/- ⑩.

Muting the Sound

Press ① M.

To resume normal sound, press ① M again.

Displaying the On-screen Indications

Press ① ④ once to display the on-screen indications.

Press again to make the indications disappear.

Operating the TV Using the Buttons on the TV

With the buttons on the TV, you can adjust or select the functions as follows:

Press ① +/- ⑩ to adjust the volume.

Press P +/- ③ to select programme numbers or to turn the TV on from the standby mode.









Press ① F to select the input source.

Press ① E to preset channels automatically.

Advanced TV Operations

Operating the Menu System






You can adjust picture, preset channels to programme positions and utilise other convenient features by using the following menu system.

Press:	to:
1 MENU 	enter the MENU screen
2 a colour button 	select an item you want to change (The selected item is marked by a triangle.)
3 MENU +/-   	change (or adjust) the contents of the item
4 MENU 	return to the MENU screen
5 MENU  again	return to the normal screen
Press MENU  once or twice whenever you want to return to the normal screen.	

Note: When selecting menus, the picture becomes darker. If, however, an item in the PICTURE ADJUSTMENT menu is selected, normal level of TV picture is restored to allow the best adjustment.

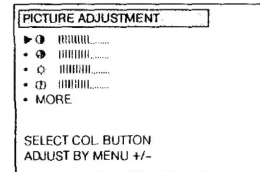
Adjusting the Picture









Although picture is adjusted at the factory you can adjust it to suit your own taste.

- 1** Press MENU . The MENU screen appears.
- 2** Press the red button  to select PICTURE.
- 3** Press the respective colour button  to select an item.
- 4** Press MENU +/-  to adjust.
- 5** Press MENU  twice or wait until the menu displays disappear automatically to return to the normal screen.

PICTURE ADJUSTMENT

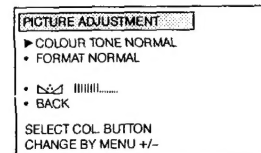
(First Page)




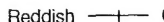





Press colour button	Effect
Red: For Picture 	Less  More
Green: For Colour 	Less  More
Yellow: For Brightness 	Darker  Brighter
Blue: For Sharpness 	Softer  Sharper
White:	Next page of PICTURE ADJUSTMENT

PICTURE ADJUSTMENT

(Second Page)




Press colour button	Effect
Red: For Colour Tone	Normal  Warm (reddish colour tone)  Cool (blueish colour tone)
Green: For Format	Normal: Normal setting 16:9 Wide screen effect
Blue: For Hue control  (only for NTSC video signals)	Reddish  Greenish
White:	Back to first page of PICTURE ADJUSTMENT

Note: Press    on the Remote Commander to reset to the factory preset levels for picture.

Using Special Features

With your TV you can utilise special features such as Parental Lock or Sleep Timer.

- 1 Press MENU ⑦.**
The MENU screen appears. 
- 2 Press the green button ④ to select FEATURES.**
- 3 Press the respective colour button ① to select an item.**
- 4 Press MENU +/- ⑧ to change.**
- 5 Press MENU ⑦ twice or wait until the menu displays disappear automatically to return to the normal screen.**

FEATURES


FEATURES
<ul style="list-style-type: none"> ▶ SLEEP TIMER OFF • PARENTAL LOCK OFF • TV BUTTON LOCK OFF • DEMO MODE • LANGUAGE
SELECT COL. BUTTON CHANGE BY MENU +/-

Press colour button	Effect
Red: For Sleep Timer (Automatic switch off function)	OFF ⇔ 0:30 ⇔ 1:00 ⇔ 1:30 ⇔ 2:00 (hours) After the selected time the TV set switches itself automatically into standby mode.
Green: For Parental Lock (For preventing children from watching programmes which you consider unsuitable)	OFF: Normal setting ON: The TV-channel you are watching is now blocked. In this way you can prevent undesirable broadcasts from appearing on the screen.
Yellow For TV Button Lock	OFF: Normal setting ON: The buttons on the TV do not function anymore. (The Remote Commander still operates)
Blue: For Demo Mode	ON: A sequence of menu pictures is displayed. Press any button on the Remote Commander to stop the function.
White: For Language	The SELECT LANGUAGE screen appears.

Advanced Presetting Functions

Exchanging Programme Positions

You can exchange the programme positions to a preferred order (example: exchange programme 09 (channel C21) with programme 15 (channel C24).

- 1 Press MENU ⑦.**
The MENU screen appears. 
- 2 Press the yellow button ④.**
The PRESET screen appears.
- 3 Press the yellow button ④.**
The PROGR. EXCHANGE SCREEN appears.

PROGR. EXCHANGE
01 B/G C21 - SONY • NEXT CHANNEL • PREVIOUS CHANNEL • STORE
SELECT COL. BUTTON

- 4 Press the white button ① repeatedly until the desired programme number (09) appears.**
- 5 Press the red or the green button ① repeatedly until the desired channel number (C24) appears.**
- 6 Press the white button ① to store.**
Now exchange has been completed. Channel C24 is tuned in to programme 09 and channel C21 is tuned in to programme 15.
- 7 Press MENU ⑦ twice to return to the normal screen.**

Editing Programme Names

You can edit the programme names up to five letters.

- 1 Press MENU ⑦.**
The MENU screen appears. 
- 2 Press the yellow button ④.**
The PRESET screen appears.
- 3 Press the blue button ③.**
The EDIT PROGR. NAME screen appears.
The first character flashes.

EDIT PROGR. NAME
01 B/G C21 - SONY • NEXT LETTER • STORE
CHANGE BY MENU +/-

-
- 4 Press MENU +/- ⑨ to edit the first letter.**
The first letter changes as follows
A ↔ B ↔ ... ↔ Z ↔ 1 ↔ ... 9 ↔ "-" (space).



-
- 5 Press the red button ⑪ to move to the next letter.**

-
- 6 Repeat steps 4 to 5, until the fifth letter is chosen.**

-
- 7 Press the green button ⑩.**
The programme name is stored, and the normal screen appears. To edit another programme name, repeat steps 1 to 7.
-

Fine Tuning

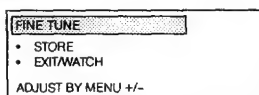
You can adjust the receiving conditions by the FINE TUNE function.

-
- 1 Press MENU ⑦**
The MENU screen appears.



-
- 2 Press the yellow button ⑧.**
The PRESET screen appears.

-
- 3 Press the white button ①.**
The FINE TUNE screen appears.



-
- 4 Press MENU +/- ⑨ to adjust the receiving condition.**

-
- 5 Press the red button ⑪ to store the adjustment, or press the green button ⑩ not to store.**
Now the normal screen appears. If you have pressed the green button, the fine tuned condition is cancelled once you choose another programme.

Note: If the FINE TUNE screen disappears automatically before you press the red button ⑪, the fine tuned condition is not stored. Repeat steps 1 to 5.

Tuning in to a Channel Temporarily

You can tune in to a channel temporarily, even when it has not been preset.

-
- 1 Press C ⑬ on the Remote Commander.**
For cable channels press C ⑬ twice. The indication "C" (or "S" for cable channels) appears on the screen.

-
- 2 Enter a double digit channel number using the number buttons (e.g. for channel 23, first press 2, then 3).**
The channel appears.
However, the channel is not stored.
-

Teletext Operation (only for KV-25T1)

TV stations broadcast teletext programmes via the TV channels. For basic operation of teletext, use the simple side of the Remote Commander. For the advanced features of teletext, use the buttons indicated in green on the full function side of the Remote Commander.

Basic Teletext Operation

Switching Teletext on and off

1 Select the channel which carries the teletext service you wish to view.

2 Press **[T]** to display Teletext.
If no teletext signal is broadcast, the indication P100 is displayed on a black screen.



3 Input three digits for the page number using the number buttons **[0-9]**.
The numbers are displayed on the screen and the requested page appears in a few seconds.
Note: If you make a mistake, type in any three digits, then re-enter the correct page number.

4 Press **[TV]** to return to the TV mode.

Notes:

- To change the teletext channels. First press **[TV]** to return to the TV mode, then repeat steps 1 to 3.
- If the signal of a TV channel is weak, teletext errors may occur.

Advanced Teletext Operation

Using Fastext

With Fastext you can access pages with one button press. When a Fastext page is broadcast, a colour-coded menu will appear at the bottom of the screen. The colours of this menu correspond to the red, green, yellow and blue buttons **[R, G, Y, B]** on the Remote Commander.
Press the corresponding colour button **[R, G, Y, B]** on the Remote Commander which corresponds to the colour-coded menu. The page will be displayed in a few seconds.

Requesting the Index page

Press **[I]**. The Index page appears.

Accessing the next or preceding page

Press **[PAGE -]** or **[PAGE +]**. The next or the preceding page appears on the screen.

Superimposing the teletext display on the TV picture

Press **[T]** once if you are in text mode or press **[T]** twice if in TV mode.

To return to the normal teletext display press **[T]** twice.



Preventing a teletext page from being updated or changed

Press **[HOLD]**. The HOLD symbol **[H]** appears on the screen and the selected subpage is held until you press **[T]** to cancel.

Enlarging the teletext display

Press **[Z]** once to enlarge the upper half. Press twice to enlarge the lower half.
Press again to restore the normal display.



Revealing concealed information (e.g. answers to a quiz)

Press **[REVEAL]**. The information is revealed. Press **[REVEAL]** again to conceal the information.

Watching TV while waiting for a requested page to be displayed

1 Request a new teletext page.

2 Press **[TEXT CL]**.
The TV programme is displayed and the symbol **[T]** is displayed at the top of the page.
Note: When the requested page is available the page number is displayed at the top of the screen.

3 Press **[T]** to view the page.

To cancel the request

Display the teletext page, then press **[T]**. The request is now cancelled. Press **[TV]** to resume TV mode.

Using the Favourite Page system

You can store up to four of your favourite teletext pages per programme with the help of the Favourite page system. In this way you have quick access to the pages you watch frequently.

Storing the Favourite Pages

1 Select the page you would like to store using the number buttons **[0-9]**.

2 Press **[F]** twice.
The colour prompts at the bottom of the screen flash.

3 Press any of the colour buttons **[R, G, Y, B]** on the Remote Commander to store the selected page.
The page is now stored on this button.

Repeat steps 1 to 3 for the other 3 pages available.

Displaying the Favourite pages

1 Press **[F]**.

2 Press the colour button **[R, G, Y, B]** corresponding to the colour prompt onto which the desired page is stored.
The page is requested. (It may take a few seconds to be received).

Note: Step 1 must be taken before every favourite page selection otherwise the normal Fastext facility operates.

Using the Time Function in the TV mode

Press **[TIME]** to request the time. Press again to cancel the request.

Note: This function is available only when teletext is broadcast.

Connecting Other Equipment

You can connect optional audio/video equipment to this TV such as VCRs, video disc players, cameras or stereo systems.

Connector	Acceptable input signal	Available output signal
— 1 (AV1/RGB)	Audio/video and RGB signal	Audio/video signal from TV Tuner
— 2/— 2 (AV2)	Audio/video signal	No outputs

To watch a video input picture, press — 2 until the desired video input appears.
To return to the normal TV picture, press — 2 repeatedly or press 1.
If you have a decoder, connect it to — 1 .

Connecting a VCR Using the TV Aerial Terminal

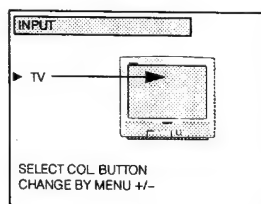
Connect the aerial output of the VCR to the aerial terminal of the TV. It is recommended to tune in the VCR signal to programme number "0". For details, see "Tuning in to Channels Manually" on page 19.

Checking and Selecting the Input Sources Using the Menu

You can display a menu screen to see which input source are selected. You can also change the selecting using this menu.

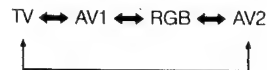
Checking the Input Sources

- 1 Press **MENU** .
The MENU screen appears.
- 2 Press the blue button to select INPUT.
The INPUT screen appears.



Selecting an Input Signal

Press the red button to select INPUT. Press MENU +/- to select the desired input source.
You can select among the following sources:



Note: Press twice or wait until the menu display disappears automatically to return to the normal screen.

Remote Control of Other Sony Equipment

You can use the TV Remote Commander to control most Sony remote-controlled video equipment such as: Beta, 8 mm or VHS VCRs or video disc players.

Tuning the Remote Commander to the equipment

- 1 Set the VTR 1/2/3 MDP selector according to the equipment you want to control:
VTR 1: Beta or VCR
VTR 2: 8mm VCR
VTR 3: VHS VCR
MDP: Video Disc Player

- 2 Use the buttons to operate the additional equipment.

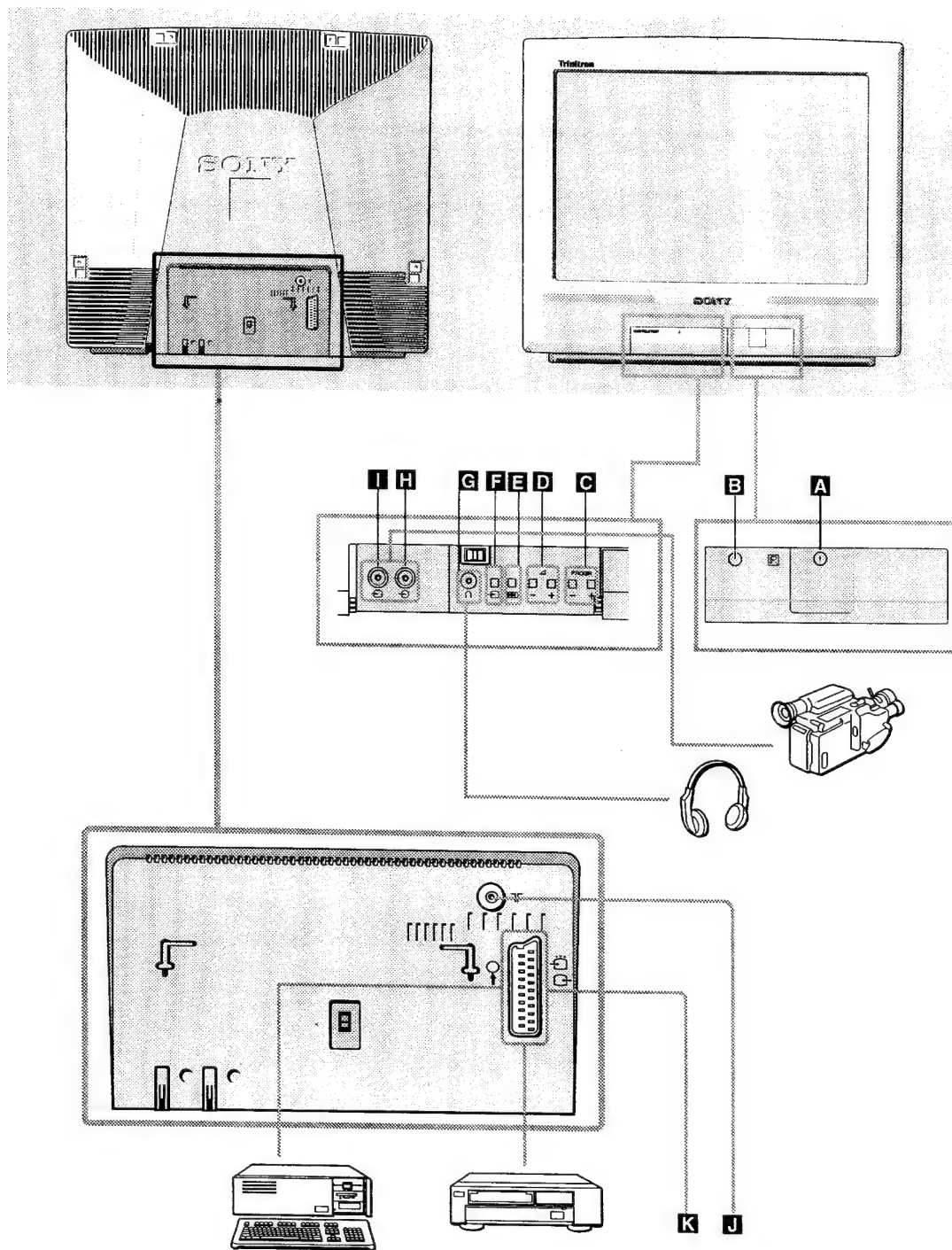
Notes:

- If your video equipment is furnished with a COMMAND MODE selector: set this selector to the same position as the VTR 1/2/3 MCP selector on the TV Remote Commander.
- If the equipment does not have a certain function, the corresponding button on the Remote Commander will not operate
- When you use the (record) button, make sure to press this button and the one to the right of it simultaneously.

Using Headphones

You can utilise headphones. Connect them to the headphone jack , then the sound from the speakers goes off.

Note: You can't control the sound adjustment except for volume.



For your Information

Troubleshooting

Here are some simple solutions to problems which may affect the picture and sound.

No picture (screen is dark), no sound

- Plug the TV in.
- Press ① A on the TV. (If the standby indicator B is lit, press □ ④ or any number button ⑤ on the Remote Commander.)
- Check if the selected video source is on.
- Turn the TV off for three or four seconds and then turn it on again using ① A.

Poor or no picture (screen is dark), but good sound

- Press MENU ⑦ to enter the MENU screen, and press the red button ⑩, then adjust ⑪ and ⑫.

Good picture but no sound

- Press △ + ⑩.
- If ⌘ is displayed on the screen, press ⌘ ①.

No colour for colour programmes

- Press MENU ⑦ to enter the MENU screen, and press the red button ⑩, then adjust ⑬.

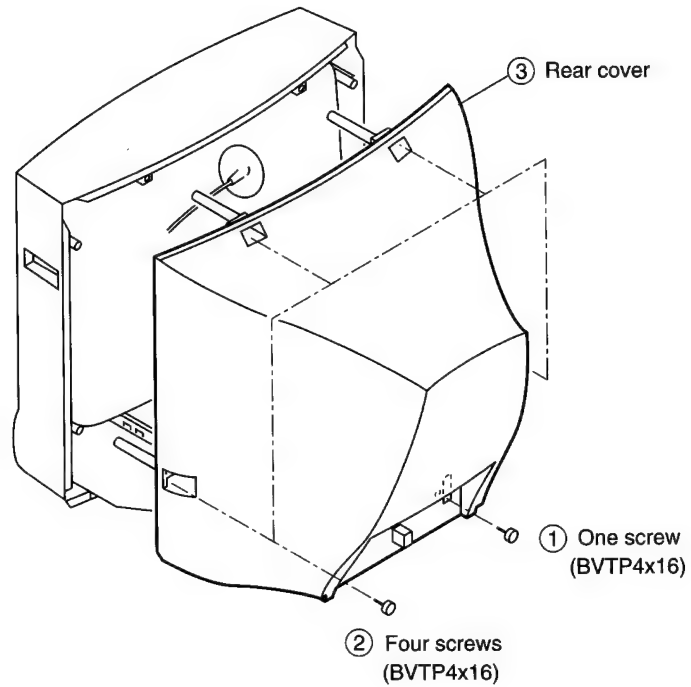
Remote Commander does not function

- Replace the battery.

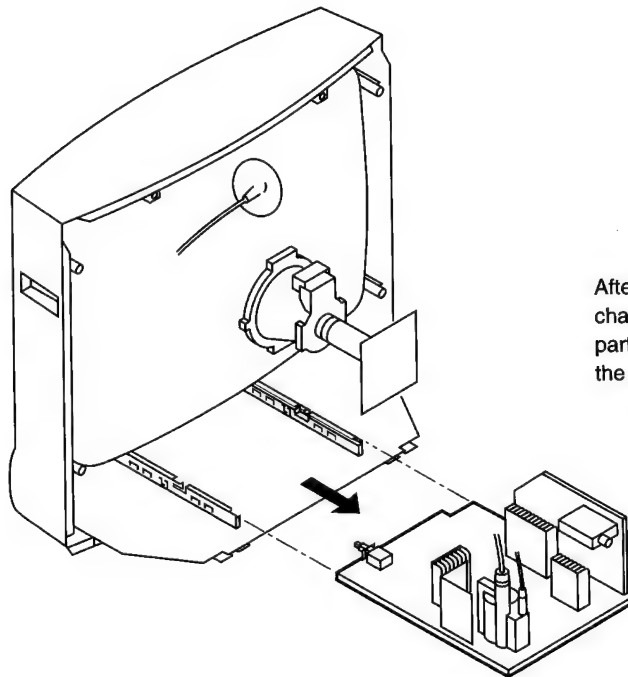
If you continue to have problems, have your TV serviced by qualified personnel. Never open the casing yourself.

SECTION 2 DISASSEMBLY

2-1. REAR COVER REMOVAL

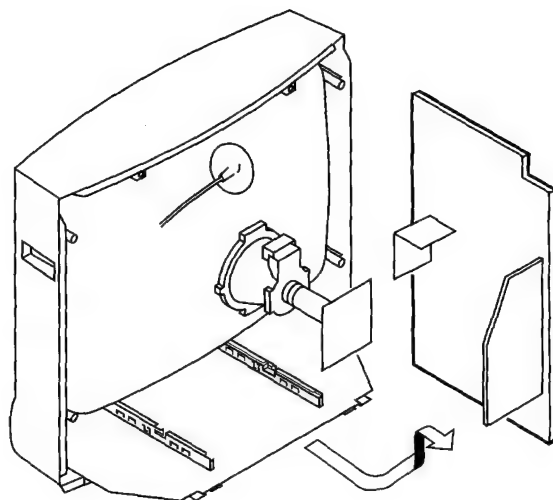


2-2. CHASSIS ASSY REMOVAL

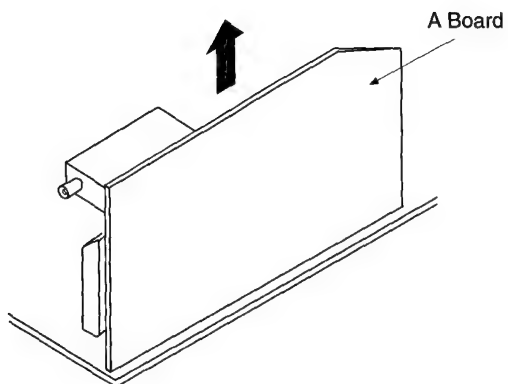


After the assembly of the main chassis, lift and pull out the rear part of the main chassis towards the rear.

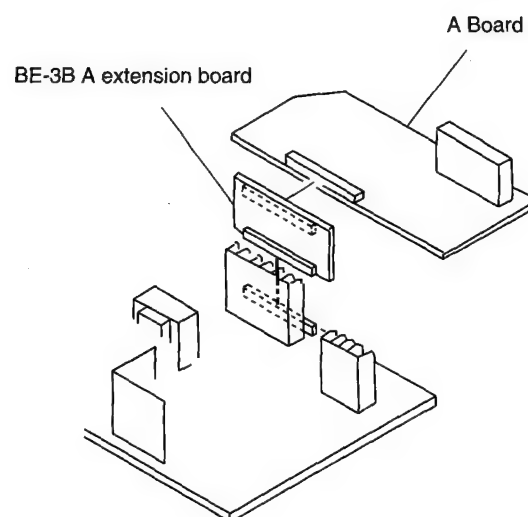
2-3. SERVICE POSITION



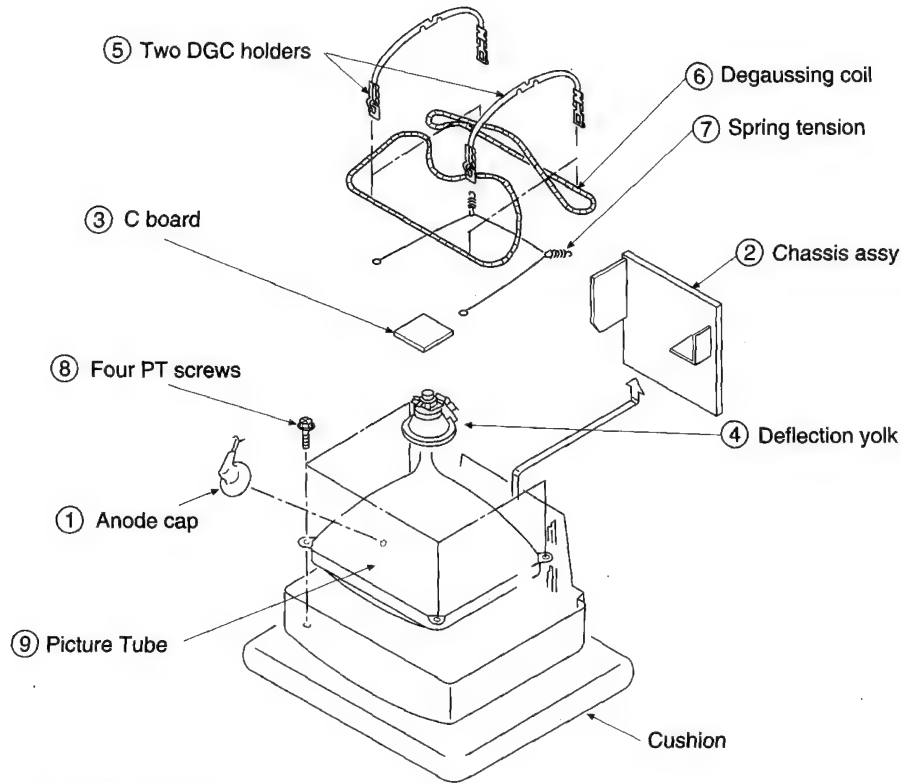
2-4. A BOARD REMOVAL



2-5. EXTENSION BOARD



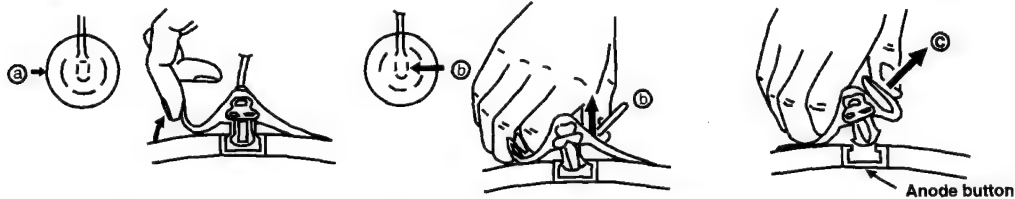
2-6. PICTURE TUBE REMOVAL



• REMOVAL OF ANODE-CAP

Note: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

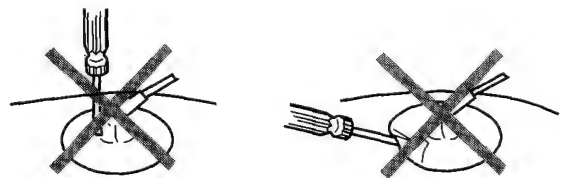
* REMOVING PROCEDURES.



- ① Turn up one side of the rubber cap in the direction indicated by the arrow (a)
- ② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow (b)
- ③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow (c)

• HOW TO HANDLE AN ANODE-CAP

- ① Don't damage the surface of anode-cap with sharp shaped material !
- ② Don't press the rubber hardly not to hurt inside of anode-caps !
A metal fitting called as shatter-hook terminal is built into the rubber.
- ③ Don't turn the foot of rubber over hardly !
The shatter-hook terminal will stick out or damage the rubber.



SECTION 3

SET - UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there are specific instructions to the contrary, carry out these adjustments with the rated power supply.
- Unless there are specific instructions to the contrary, set the controls and switches to these settings :

☉ Contrast 80% (or remote control normal)
 ☆ Brightness 50%

- Carry out the following adjustments in this order :

1. Beam landing
2. Convergence
3. Focus
4. White balance

Note: Testing equipment required.

1. Color bar/pattern generator
2. Degausser
3. DC power supply
4. Digital multimeter
5. Oscilloscope

Preparation:

- In order to reduce the influence of geomagnetism on the set's picture tube, face it east or west.
- Switch on the set's power and degauss with the degausser.

3-1. BEAM LANDING

1. Input the white signal with the pattern generator.
 CONTRAST } normal
 BRIGHTNESS }
2. Set the pattern generator raster signal to red.
3. Move the deflection yoke forward and adjust with the purity control so that the red is at the center and the blue and the green take up equally sized areas on each side. (See Fig. 3-1 - 3-3)
4. Move the deflection yoke forward and adjust so that the entire screen becomes red. (See Fig. 3-1)
5. Switch the raster signal to blue, then to green and verify the condition.
6. When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
7. If the beam does not land correctly in all the corners, use a magnet to adjust it. (See Fig. 3-4)

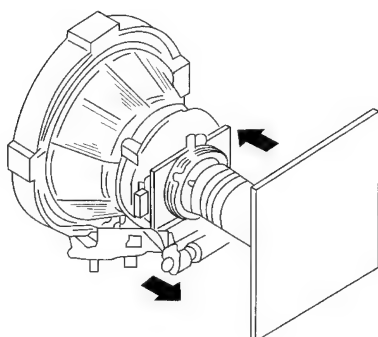


Fig. 3-1

Fig. 3-2

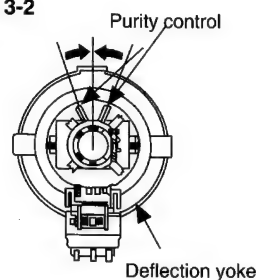


Fig. 3-3

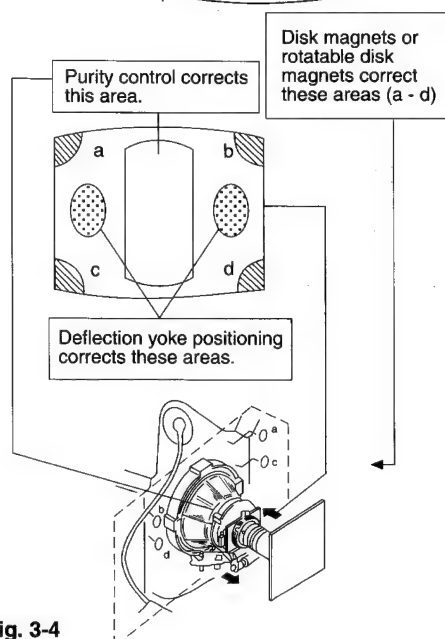
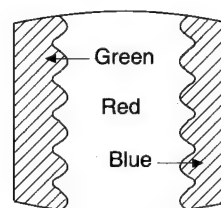


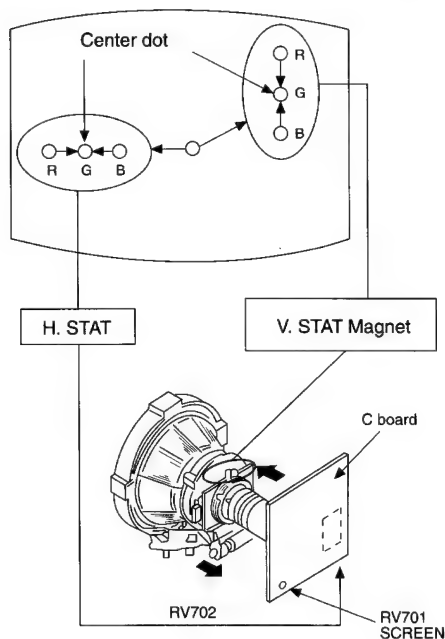
Fig. 3-4

3-2. CONVERGENCE

Preparation:

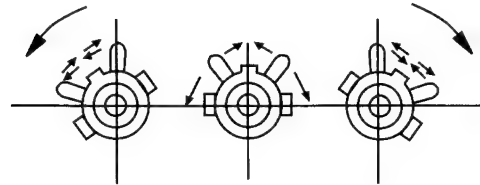
- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide a dot pattern.

(1) Horizontal and vertical static convergence

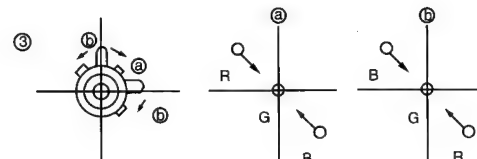
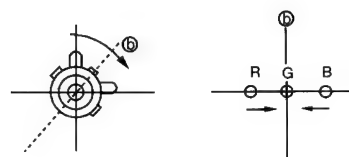
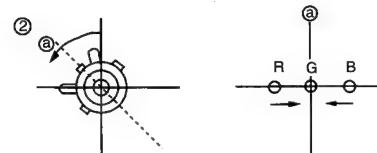
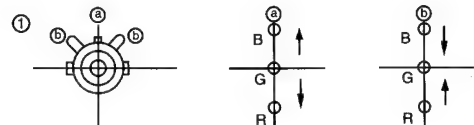


1. (Moving horizontally), adjust the H.STAT control so that the red, green, and blue points are on top of each other at the center of the screen.
2. (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
3. If the H.STAT variable resistor cannot bring the red, green, and blue points together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V.STAT magnet in the manner given below.
(In this case, the H.STAT variable resistor and the V.STAT magnet influence each other)

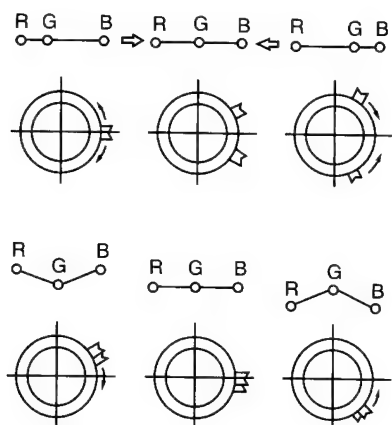
- Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.



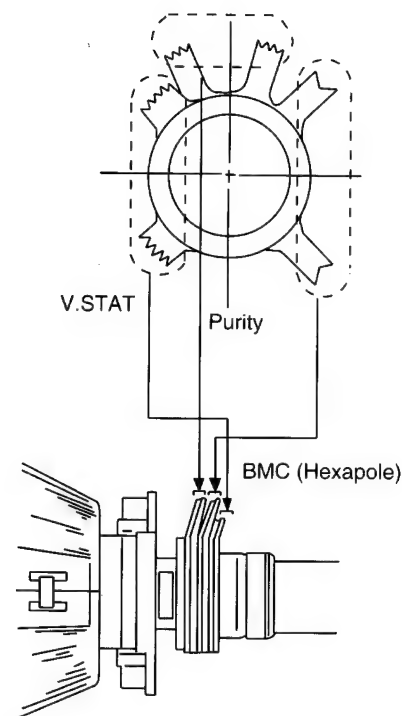
4. If the V.STAT magnet is moved in the direction of the (a) and (b) arrows, the red, green, and blue points move as shown below.



- Operation of BMC (Hexapole) Magnet



- The respective dot position resulting from moving each magnet interact, so be sure to perform adjustment while tracking.
Use the H.STAT VR to adjust the red, green, and blue dots so they coincide at the center of the screen (by moving the dots in the horizontal direction).

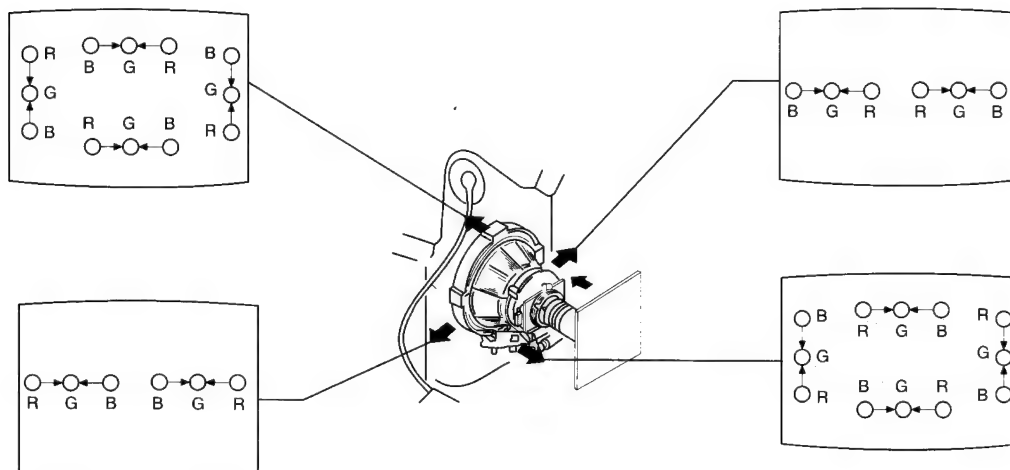


(2) Dynamic convergence adjustment.

Preparation:

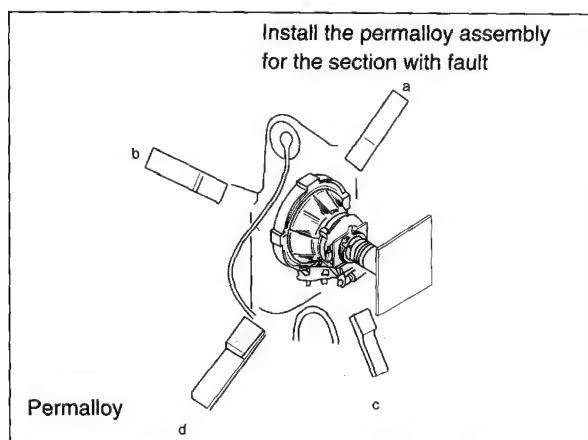
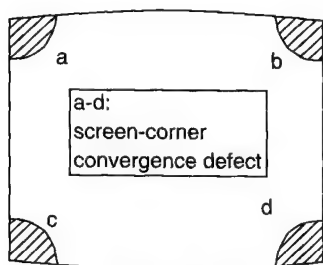
- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.
- Slightly loosen the deflection yoke screws.

- Remove the deflection yoke spacer.
- Move the deflection yoke as shown in the figure below and optimize the convergence.
- Tighten the deflection yoke screws.
- Re-install the deflection yoke spacer.

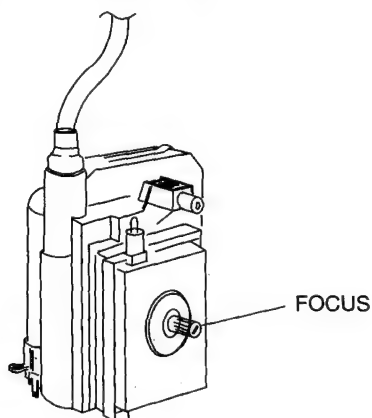


(3) Screen corner convergence.

If you are unable to adjust the corner convergence properly, correct them with the use of permalloy assemblies.

**3-3. Focus**

Adjust the focus to optimize the screen.

**3-4. WHITE BALANCE****Screen G2 Setting**

1. Input the dot signal from the pattern generator.
2. Set the picture brightness control to its lowest level.
3. Apply 180V DC to the R,G, and B cathodes with an external power supply.
4. While watching the picture, adjust G2 control RV701 (Screen) to the point just before the return lines disappear.

White balance adjustment

1. Receive an all-white signal.
2. Enter into service mode. (Refer to the section 4 "Electrical Adjustment" on how to enter service mode.)
3. Select TDA8366 1 on menu.

DEVICE : TDA8366 1

STAT : 12

☐ NEXT
☐ PREVIOUS
☐ OK

USE COLOUR KEYS
 SONY TEST MENU.

4. Press the White button on the Remote Commander to enter into the device Menu.
5. Press the Red button 10 times "Next" "Next" "Next" to select HWB RED, adjust to 32.
6. Press the Red button to select HWB GREEN, adjust with the + and - menu buttons so that the white balance becomes optimum.
7. Press the Red button to select HWB BLUE, adjust with the + and - menu buttons so that the white balance becomes optimum.
8. Press the TV button twice on the Remote Commander to store the data and return to TV operation.

SECTION 4

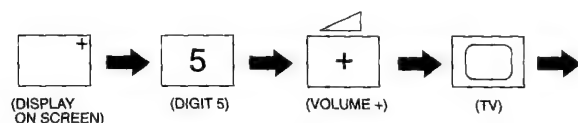
CIRCUIT ADJUSTMENTS

4-1. ELECTRICAL ADJUSTMENTS

Service adjustment to this model can be performed with the supplied remote commander RM-837.

HOW TO ENTER INTO SERVICE MODE

1. Turn on the main power switch of the set and enter into standby mode.
2. Press the following sequence of buttons on the Remote Commander.



“TT” will appear in the top right corner of the screen. Other status information will also be displayed.

3. Press the MENU button on the Remote Commander to obtain the menu on the screen.

DEVICE NAME

STAT : xxxx

☐ NEXT

☐ PREVIOUS

☐ OK

USE COLOUR KEYS
SONY TEST MENU.

4. Press the Red (Next) and Green (Previous) buttons to select the device corresponding to the adjustment item from the table. Then press the White button (OK).



DEVICE NAME

00 ADJUSTMENT : xxx

☐ NEXT

☐ PREVIOUS

SELECT COL.BUTTON
CHANGE BY MENU +/-

5. Press the Red (Next) or Green (previous) buttons to select the adjustment item. Then press the  and  buttons to change the data to comply with each standard.
6. Turn off the power to quit the service mode when adjustments are completed.

Initial Conditions for setup of TDA8366 and TDA6622.

TDA8366 1	INIT VALUE	TDA8366 2	INIT VALUE
Hue	31	Interlace	00
H Shift	Adj	Sync Mode	00
H Size	Adj	Col Dec	00
Pin Amp	Adj	Vert Div	00
Corn Pin	Adj	Vid ID	00
Tilt	Adj	EHT Track	01
V.Linear	Adj	En V Grd	00
V.Size	Adj	Serv Blk	00
S.Corr	Adj	OVP Mode	00
V.Cent	Adj	Aspect R	00
HWB Red	Adj	Start Freq	00
HWB Green	Adj	Y/C Input	00
HWB Blue	Adj	PAL/NTSC	00
Peaking	8	Xtal PLL	00
Bright	32	Y Delay	07
Colour	32	RGB Blk	00
Picture	37	Noise Cor	00
AGC Set	00	Fast Blk	01
Srce Sel 1	00	AFC Wind	00
Srce Sel 2	00	IF Sensy	00
Time Con	03	Mod Std	00
Xtal Ind	03	Vid Mute	01
FF Freq	02		

TDA6622	INIT VALUE	TDA6622	INIT VALUE
MPX Per	00	Treble	08
Quasi St	00	Bass	09
Bass Exp	00	X Talk Adj	Adj.
H Pulse	00	Mute 1	00
Matrix St	00	Mute 2	01
Bypass	00	C1/2LS	00
Vol L Sp	07	C1/2KH	00
Vol R Sp	07	Mono	01
Vol HP	00	Scart	00
PII Sync	00	Scart D	00
Mute 3	01	AM	00

4-2. TEST MODE 2 :

Is available by pressing Test button twice, OSD 'TT' appears. The functions described below are available by pressing the two numbers. To release the Test Mode 2, press 0 twice, or switch the TV into Stand-by Mode.

00	switch Test Mode 2 off
01	picture maximum
02	picture minimum
03	Volume 35%
04	Volume 50%
05	Volume 65%
06	Volume 80%
07	Ageing Condition (Volume min., Picture max., Brightness max.)
08	Shipping Condition (Analog Values are RESET due to factory setting, Prog 1 is selected, TT Mode is switched off)
09	"Menu" Flag request
10	Tenth entry is deleted
11	dummy
12	dummy
13	dummy
14	Forced AV 16:9 detection on/off
15	Read factory setting from NVM Reads Volume, Balance, Treble, Bass, Brightness, Contrast, Hue, Sharpness, Colour values from ROM to the actual used values (Last Power Memory)
16	Save actual used values as RESET values Memorize actual used values Balance, Treble, Bass, Hue, Sharpness at RESET position in NVM.
17	Preset Label for AV Sources
18	RGB Priority on/off
19	Clear all preset labels
20	Tenth entry is deleted
21	Sub Contrast
22	Sub Colour
23	Sub Brightness
24	Set destination = U RGB Priority = Off
25	Set destination = D RGB Priority = Off
26	Set destination = B RGB Priority = On
27	Set destination = K RGB Priority = Off
28	Set destination = L RGB Priority = Off
29	Set destination = E RGB Priority = Off

30	Tenth entry is deleted
31	Set Destination = A RGB Priority = On
32	dummy
33	Auto AGC
34	N/S Pin Adjust
35	Manual AGC Adjust
36	dummy
37	dummy
38	To Activate Rotation Coil Adjustment
39	Check Rotation Coil Adjustment
40	Tenth entry is deleted
41	Re-initialise NVM
42	Production use only
43	Initialise Geom Settings
44	Initialise all favorite pages = 100
45	Channel locks = off
46	IR Channel Presetting Mode The channel presetting can be done by a Special IR Transmitter (Ver 2 and above software only)
47	dummy
48	Set NVM testbyte to 44h
49	Erase the NVM Testbyte (this byte detects already stored NVM's) After selecting this function, switch TV Off and On -> the NVM will be preset by μ -Controller.

In Test Mode the Menu display is switchable by the Speaker-Off button.

Note : For Test Modes 41 - 49 it is necessary to ensure that the TV is set to Prog 59.

SUB BRIGHTNESS ADJUSTMENT

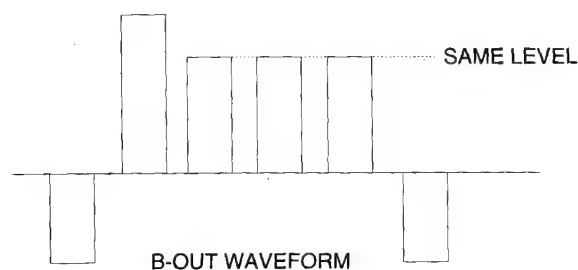
1. Input a Phillips pattern.
2. Enter into service mode and press 23.
3. Adjust data so that 0-IRE of grey scale and CUT-OFF 20-IRE are only slightly visible on screen.

SUB CONTRAST ADJUSTMENT

1. Input a video that contains a small 100% area on a Black Background.
2. Enter into service mode and press 01 to have PIC max followed by 21.
3. Connect oscilloscope to pin ① of CN703 (R OUT) and adjust HWB Red data of TDA8366 1 to obtain 2.3Vp-p.

SUB COLOR ADJUSTMENT

1. Input a PAL color bar signal.
2. Connect an oscilloscope to pin ③ of CN703 (B OUT) on the C board.
3. Enter into service mode and press 22.
4. Adjust data so that the right sides of the waveform are set to the same level.

**I.F. COIL ADJUSTMENT (T101) - B/G, D/K, I AND L STANDARD FOR CONTINENTAL MODELS.**

1. Apply a 38.9MHz signal at 100dBuV to the input of SWF101.
2. Receive a channel so that the I.C. is selected for negative modulation.
3. Measure the voltage at the AFT test point and adjust (T101) to obtain 2.4V +/- 0.2V.

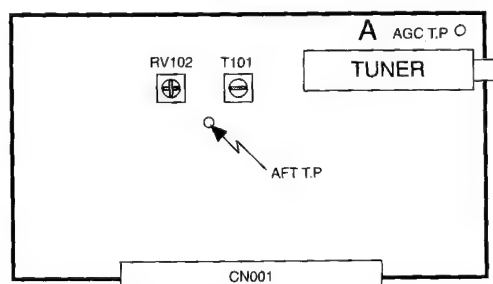
L, BAND 1 ADJUSTMENT (RV102) - L, STANDARD FOR FRENCH MODELS.

1. Apply a 33.95MHz signal at 100dBuV to the input of SWF101.
2. Receive a channel so that the I.C. is selected for positive modulation and system L band 1.
3. Measure the voltage at the AFT test point and adjust (RV102) to obtain 2.4V +/- 0.2V.

Note : Only adjust RV102 after T101 has been correctly adjusted.

AGC ADJUSTMENT

1. Receive an off- air signal.
2. Enter the service mode, ("Test" "Test") and 35.
3. Adjust the data so that there is no snow or cross - modulation visible on the screen.
4. Change the receiving off-air channel, and confirm the above status.

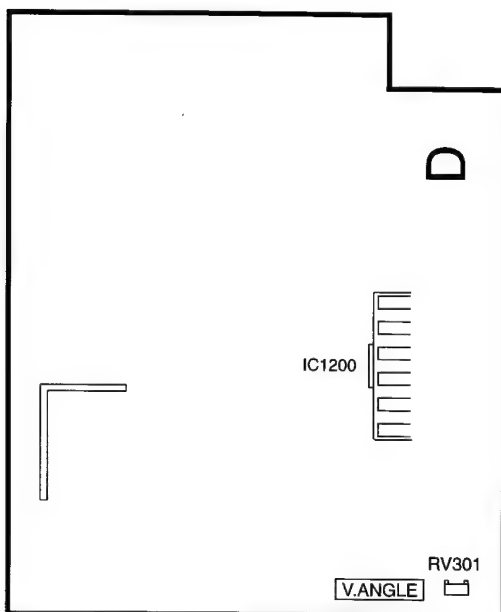


DEFLECTION SYSTEM ADJUSTMENT

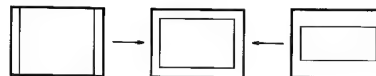
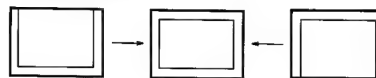
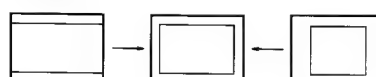
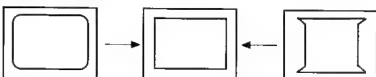
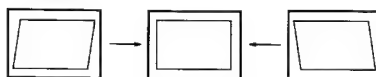
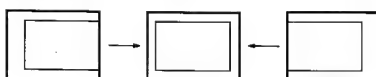
1. Enter into service mode.
2. Select and adjust each item in order to obtain the optimum image.

Item No	Adjustment item.	Data Amount
03	H SHIFT	ADJ.
04	H SIZE	ADJ.
05	PIN AMP	ADJ.
06	CORR PIN	ADJ.
07	TILT	ADJ.
08	V LINEAR	ADJ.
09	V SIZE	ADJ.
0A	S CORR	ADJ.
0B	V Centre	ADJ.

Note : V ANGLE is adjusted by a Variable Resistor on the 'D' Board (RV301)



- D Board Component Side -

V SIZE**V CENTRE****S CORR****V LIN****H SIZE****PIN AMP****TILT****CORR PIN****V ANGLE****H SHIFT**

4-3. BE-3B SELF DIAGNOSTIC SOFTWARE

The identification of errors within the BE-3B chassis is triggered in 1 of 2 ways :- 1: Bus busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the led (Series of flashes which must be counted) See Table 1., on fatal errors are reported with this method.

If a fatal error is found the set will simply stay in whichever state it was when the error occurred, but if a non fatal error occurs the set will try to continue operation.

Table 1

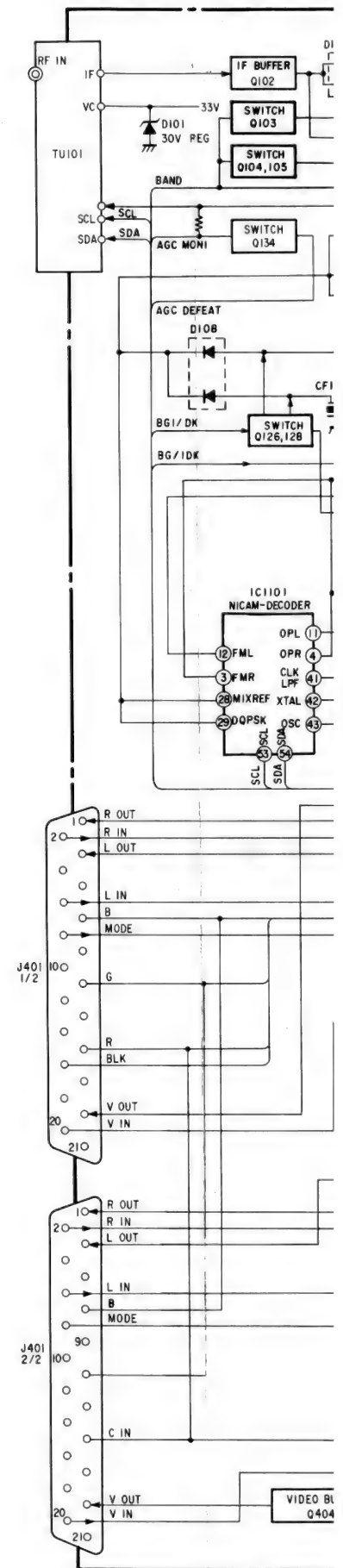
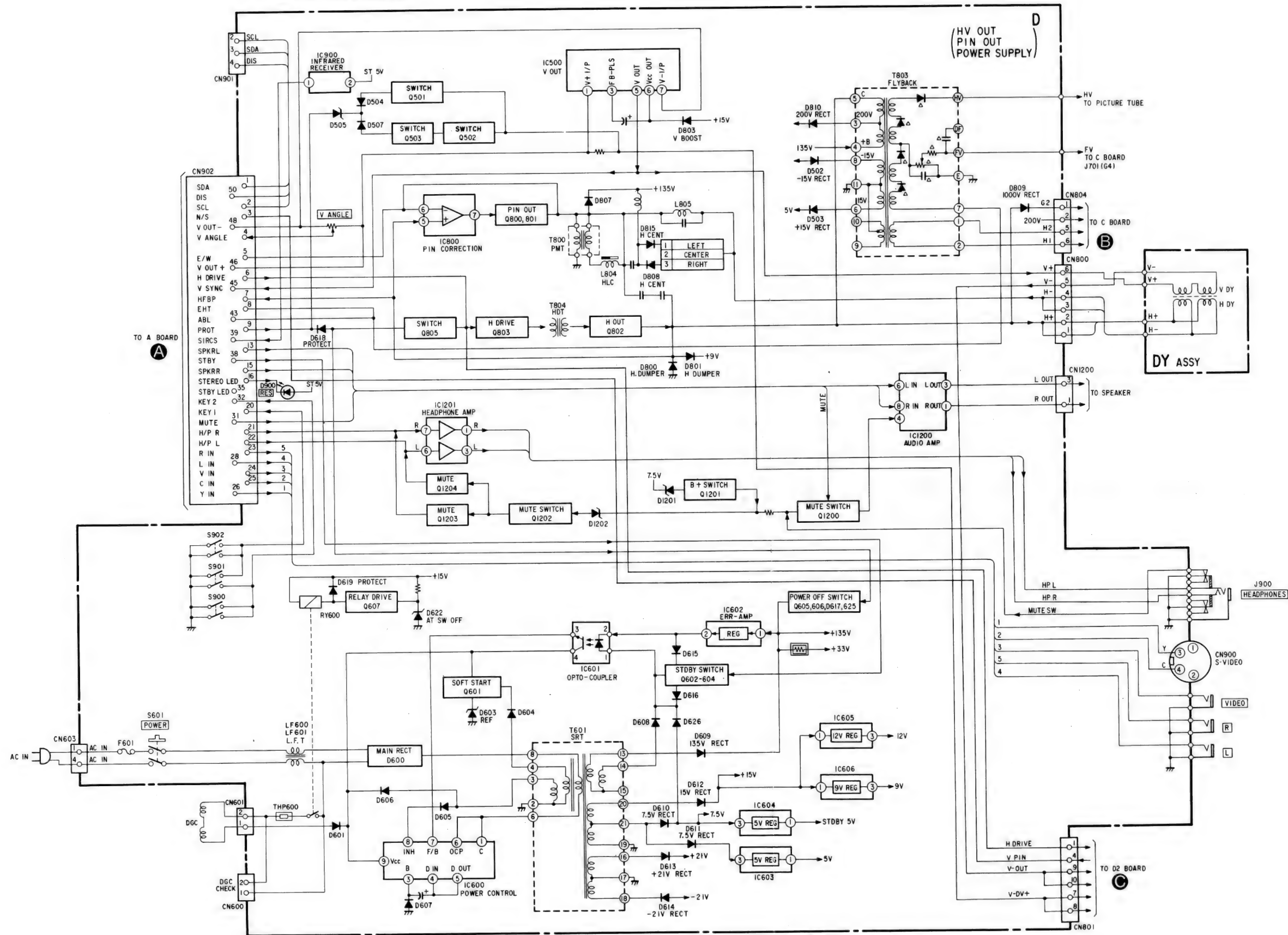
Device	LED Error Count	Fatal Error
NVM	2 .. 9	√
Teletext	10	
Jungle	11	√
Video_sw	12	
Tuner	13	√
Nicam	14	
Audio_cont	15	√

Flash Timing Example : e.g. error number 3.

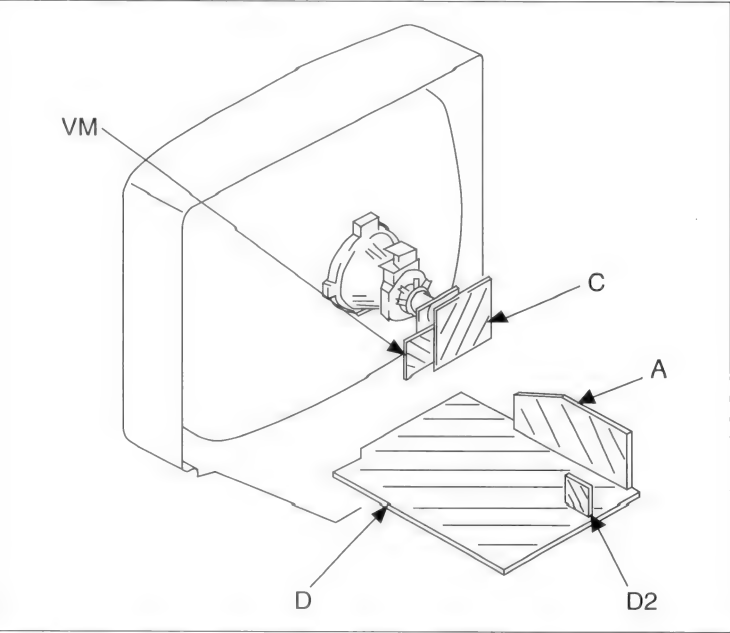
Stby LED



5-1. BLOCK DIAGRAM



5-2. CIRCUIT BOARDS LOCATION










5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS


Note :

- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms.
 $k = 1000$, $M = 1000K$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power $\frac{1}{4}$ W



-  : nonflammable resistor.
-  : internal component.
-  : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
-  : earth - ground.
-  : earth - chassis.
-  : no mounted.

Note : The components identified by shading and marked  are critical for safety. Replace only with the part number specified.

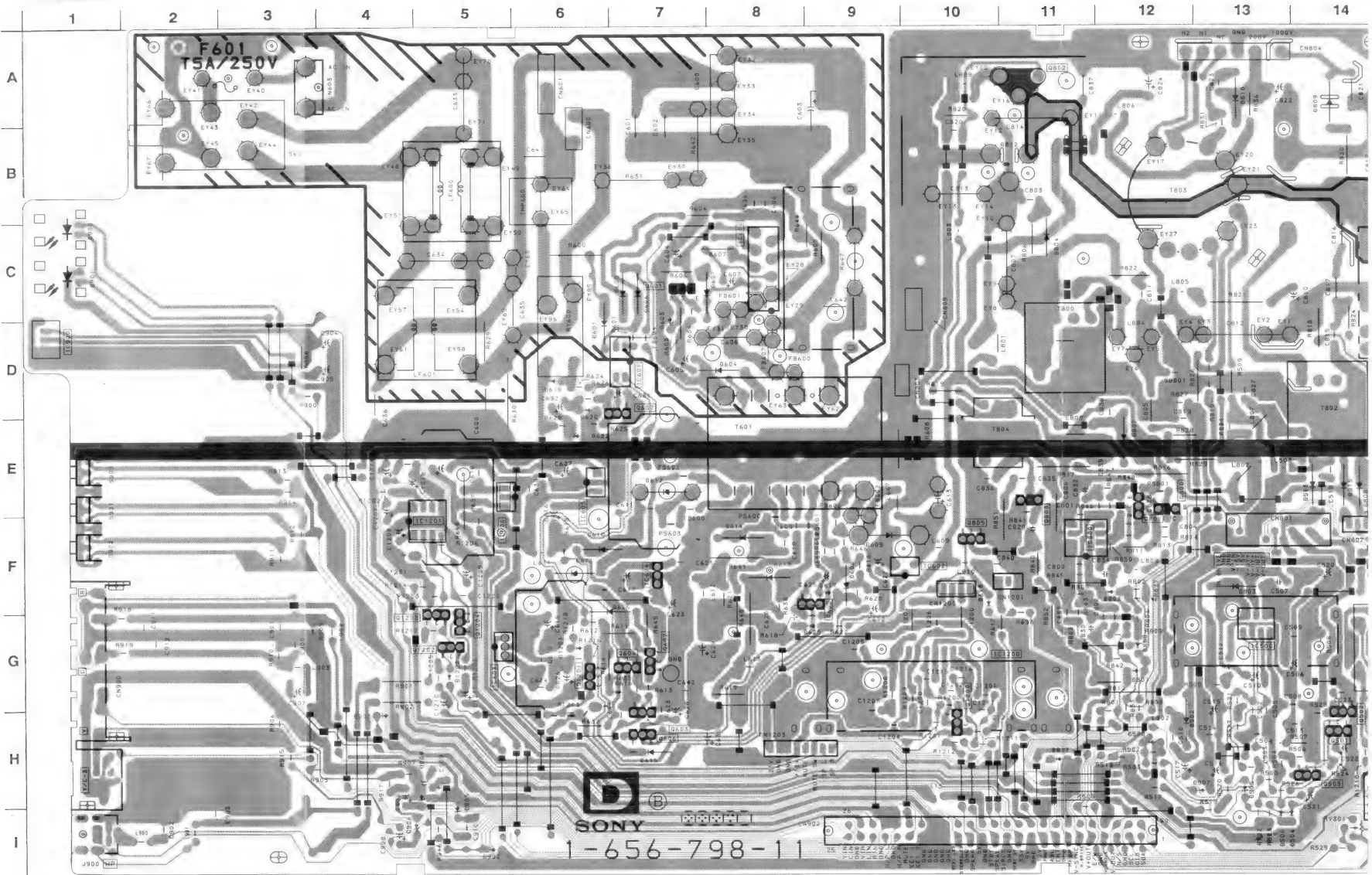
Note : Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
COIL	: 	ADJUSTABLE RESISTOR
	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

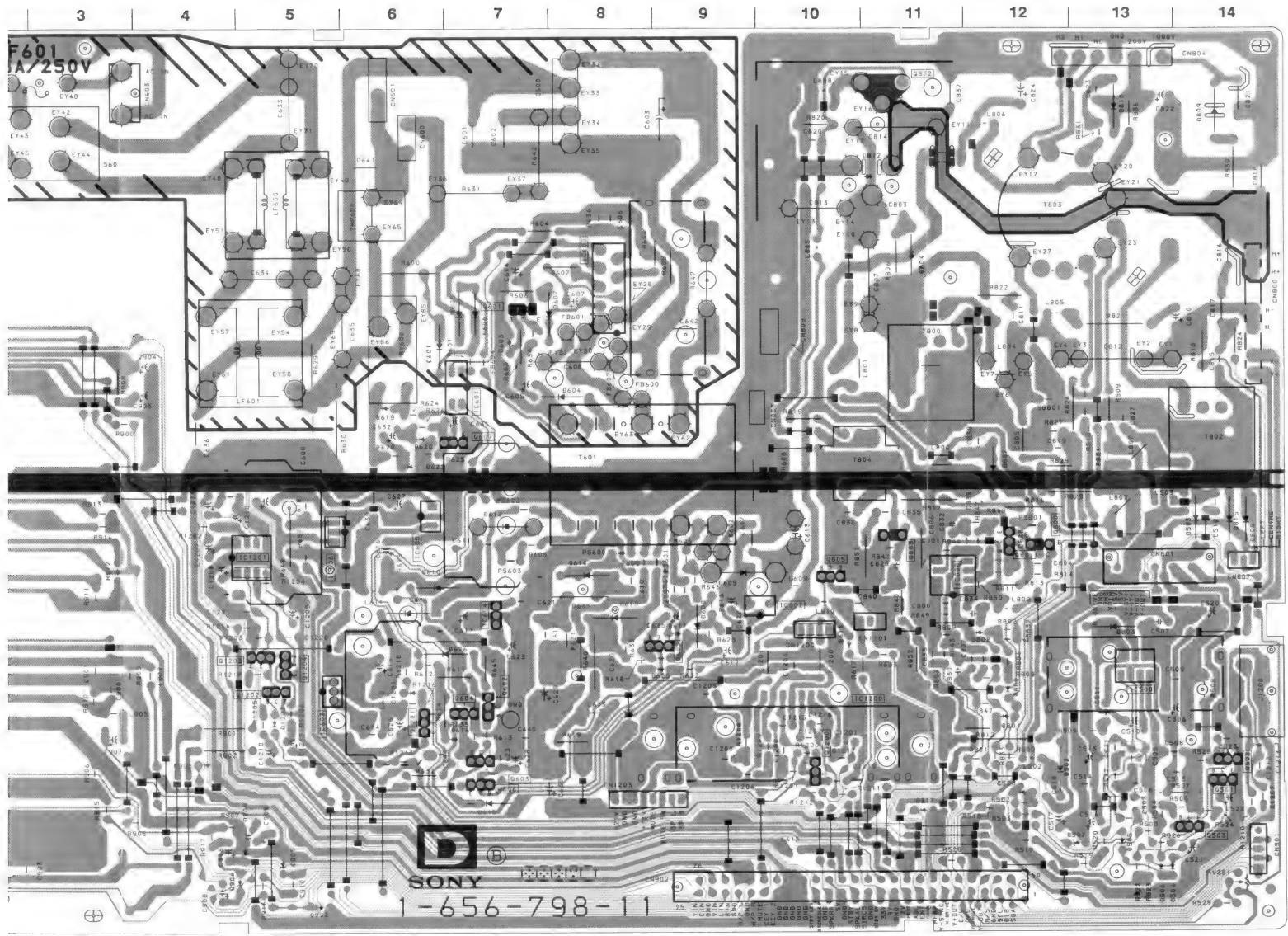
- Readings are taken with a colour-bar signal input.
- Readings are taken with 10M digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveform references.
-  : B+ bus.
-  : signal path. (RF)

— D BOARD —



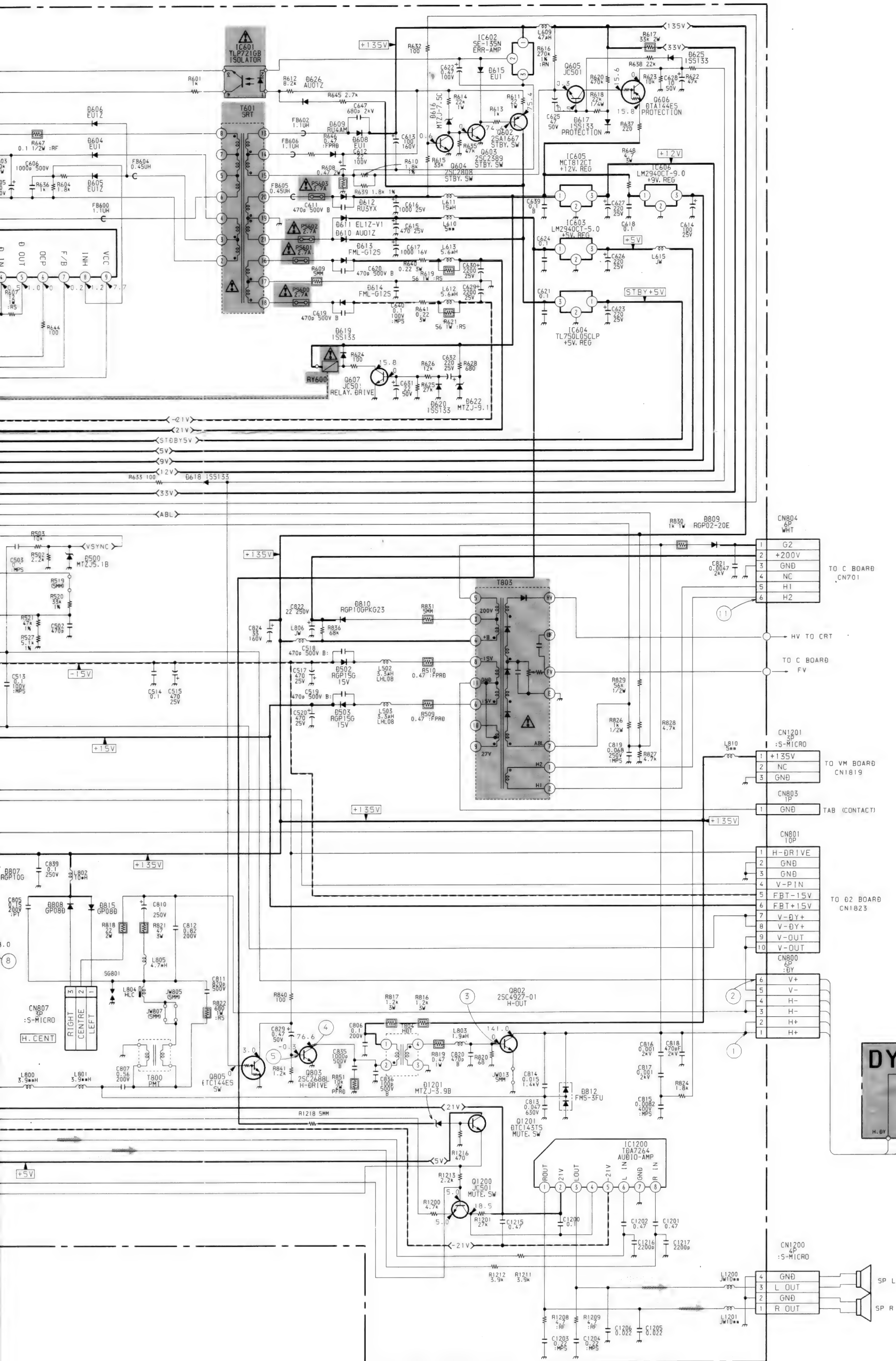


The circuit indicated as left contains high voltage (over 600 Vp-p). Care must be paid to prevent an electric shock in inspection or repairing.

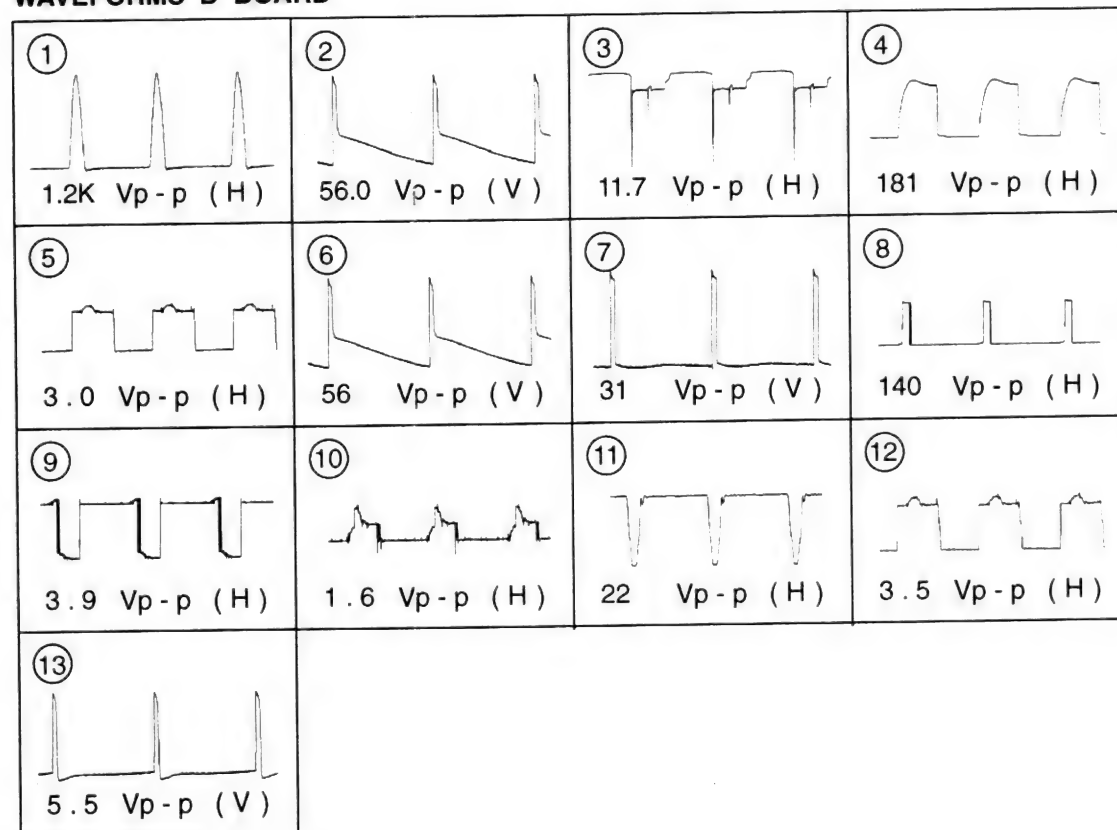


— D BOARD —

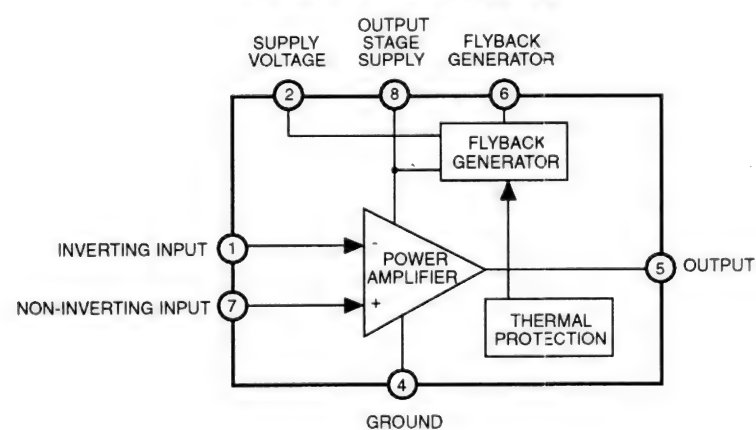
IC		D600	A-8
IC500	G-13	D601	D-6
IC600	C-8	D603	D-7
IC601	D-7	D604	D-8
IC602	F-10	D605	C-7
IC603	G-5	D606	C-7
IC604	F-7	D607	C-8
IC605	E-6	D608	F-9
IC606	F-5	D609	F-6
IC600	F-12	D610	F-6
IC1200	G-11	D611	E-7
IC1201	F-5	D612	F-8
TRANSISTOR		D613	F-8
		D614	F-8
		D615	H-7
		D616	G-7
Q501	H-14	D617	F-9
Q502	H-14	D618	F-10
Q503	H-14	D619	D-6
Q601	C-7	D620	E-6
Q602	G-7	D622	E-6
Q603	H-7	D625	G-9
Q604	G-7	D626	G-7
Q605	G-9	D800	G-12
Q606	H-7	D801	G-12
Q607	D-7	D802	F-12
Q800	E-12	D803	F-13
Q801	F-12	D807	E-12
Q802	A-11	D808	E-14
Q803	E-11	D809	A-14
Q805	F-10	D810	A-13
Q1200	H-10	D812	B-11
Q1201	G-6	D815	E-14
Q1202	G-5	D817	H-11
Q1203	G-5	D902	I-5
Q1204	G-5	D903	H-4
DIODE		D904	H-5
		D905	I-5
		D906	I-5
		D1201	G-6
VARIABLE RESISTOR			
		RV301	I-14



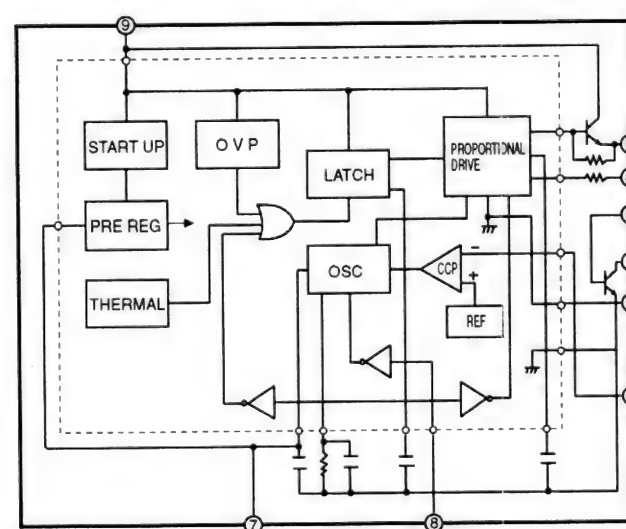
WAVEFORMS D BOARD



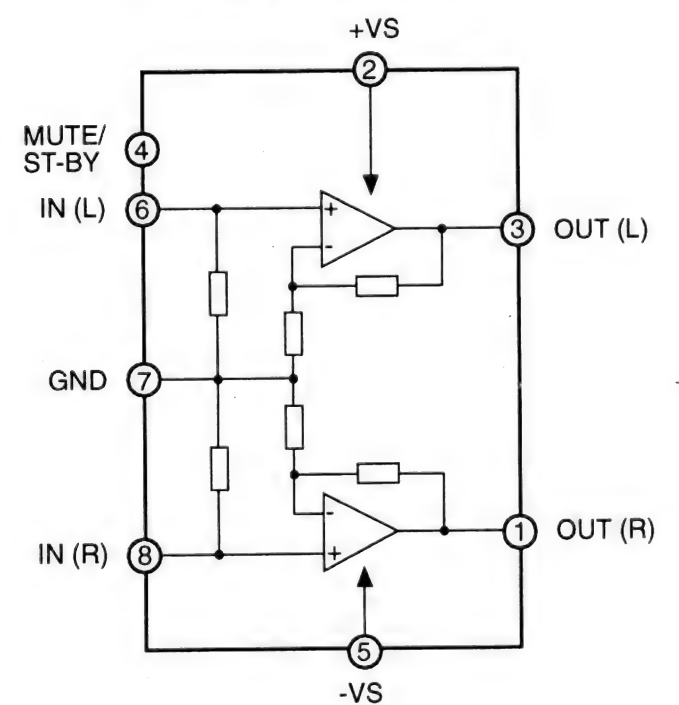
D BOARD IC500 STV9379



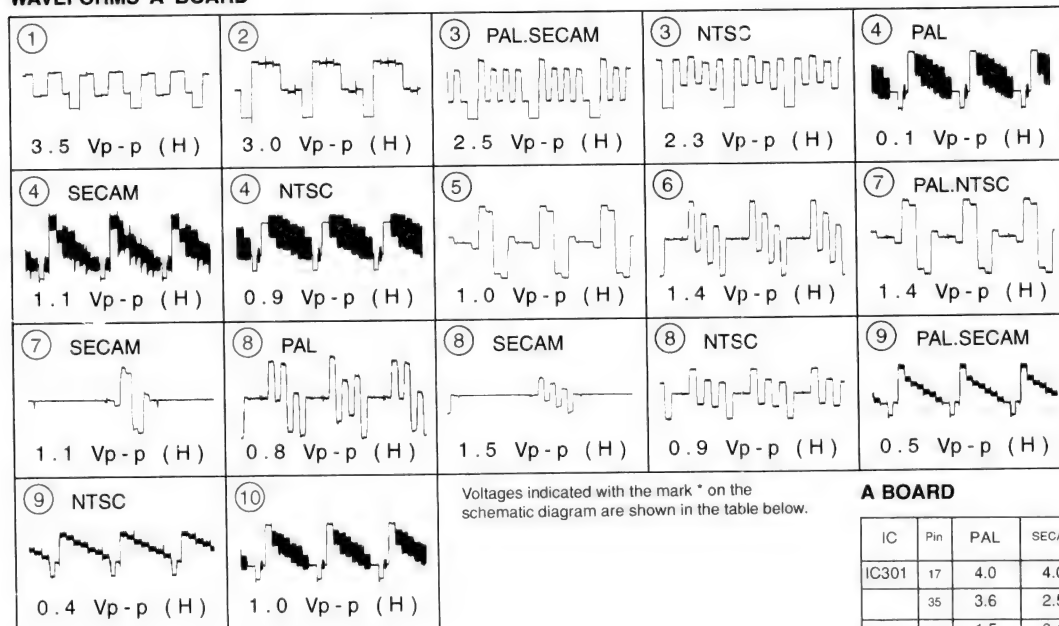
D BOARD IC600 STR-S6708



D BOARD IC1200 TDA7264



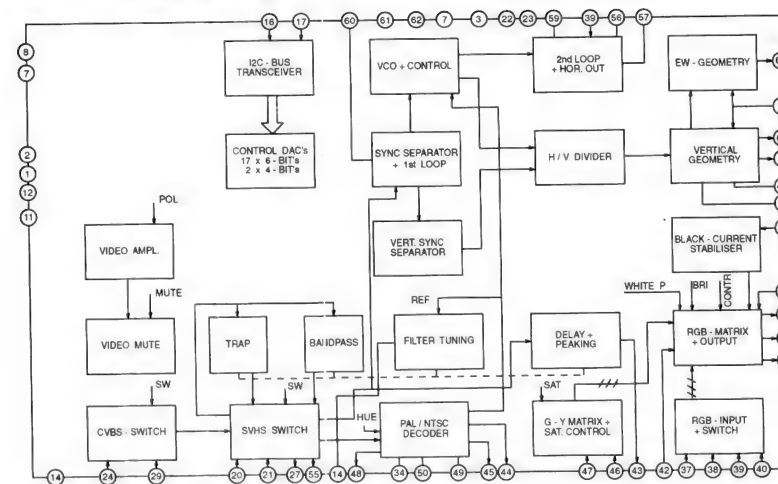
WAVEFORMS A BOARD

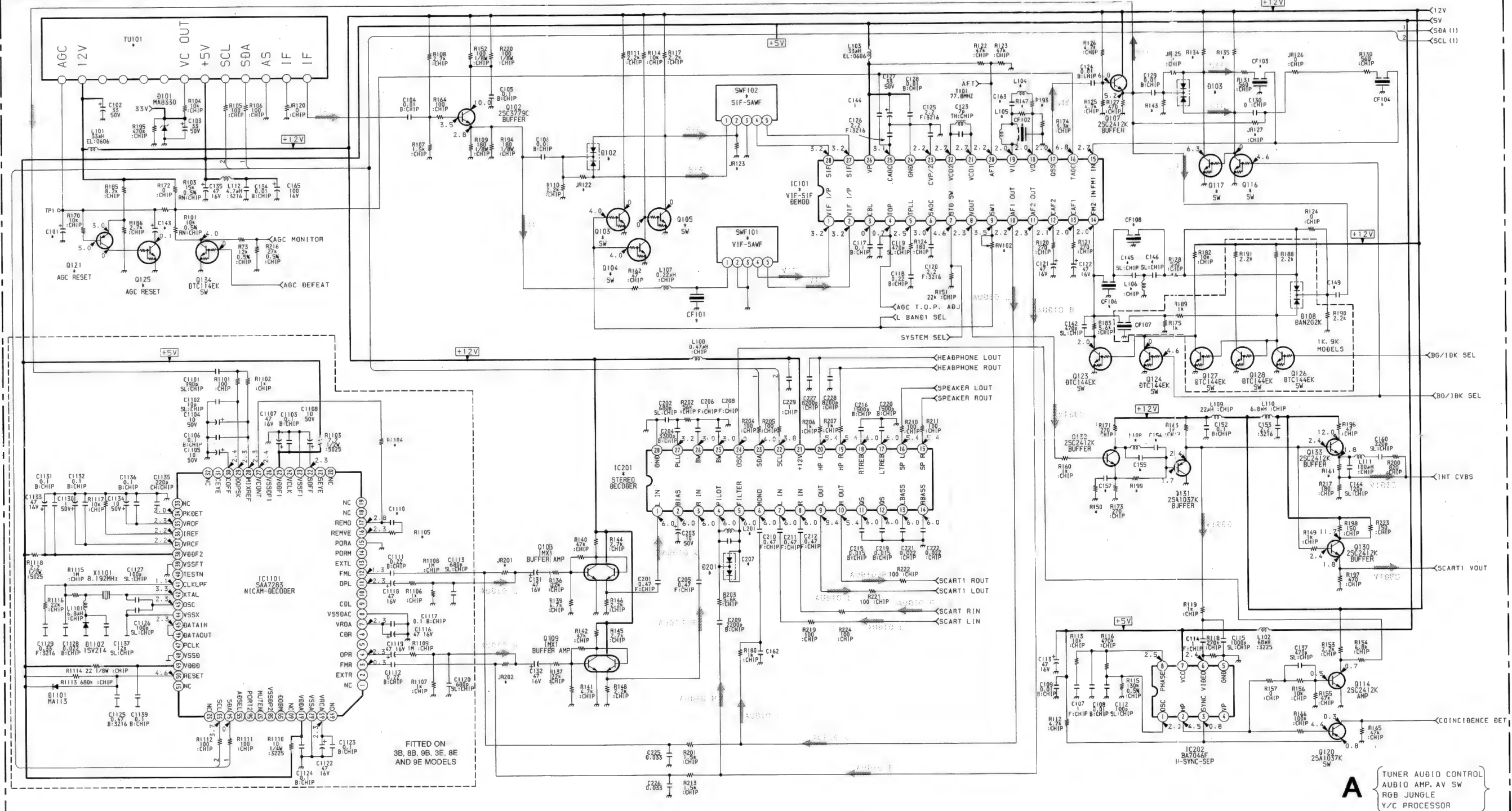


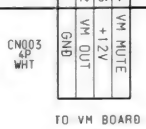
A BOARD

IC	Pin	PAL	SECAM	NTSC 3.58	NTSC 4.43
IC301	17	4.0	4.0	4.0	0
	35	3.6	2.5	3.5	3.5
	44	1.5	3.1	1.5	1.5
	45	1.5	3.0	1.5	1.5
	48	1.7	4.4	1.6	1.7
	49	1.4	1.4	2.0	1.4
	50	2.0	2.0	1.4	2.0
	63	3.4	2.5	2.2	2.5
IC303	1	1.7	4.4	1.6	1.7
	11	1.5	3.0	1.5	1.5
	12	1.5	3.1	1.5	1.5

A BOARD IC301 TDA8366





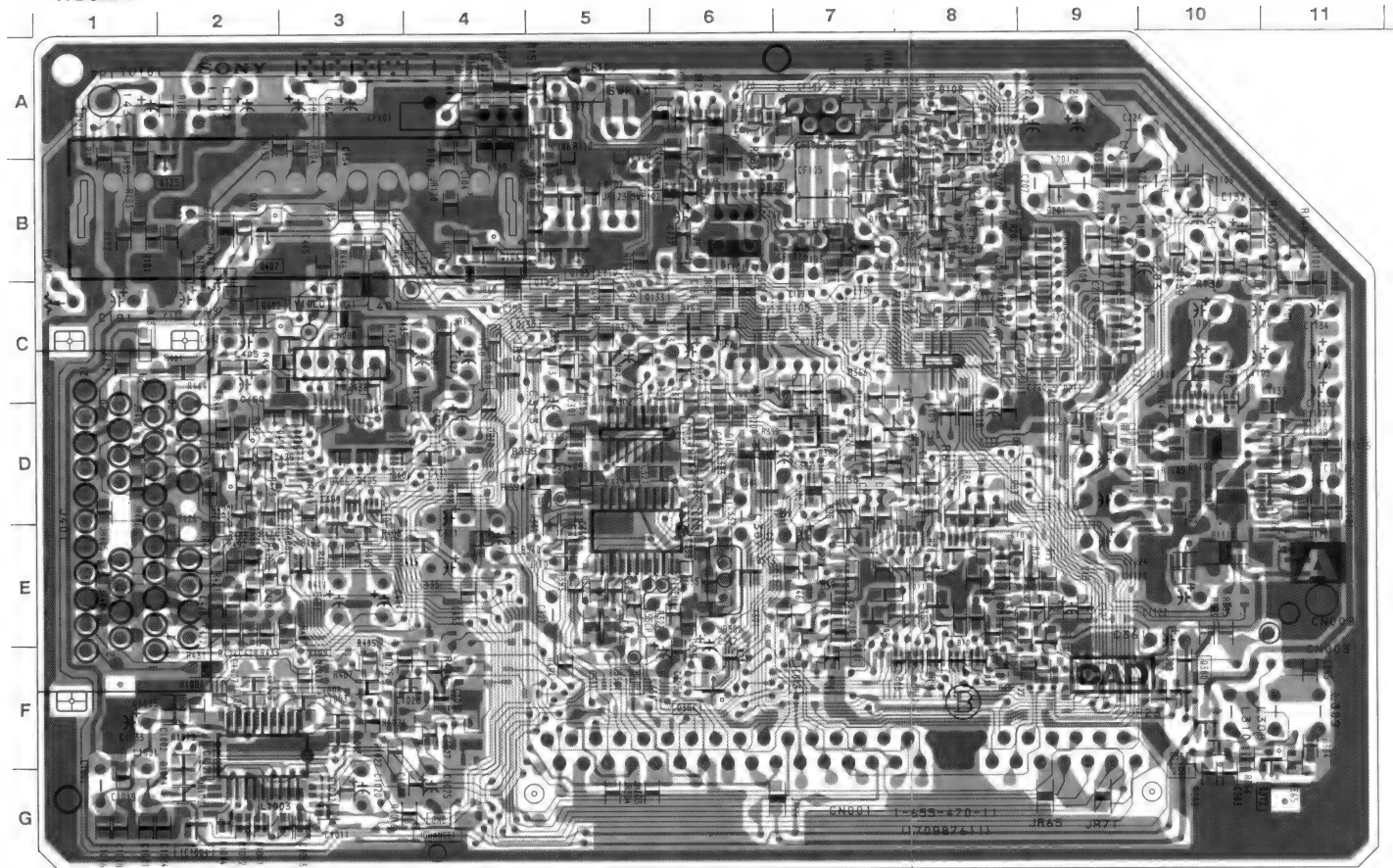


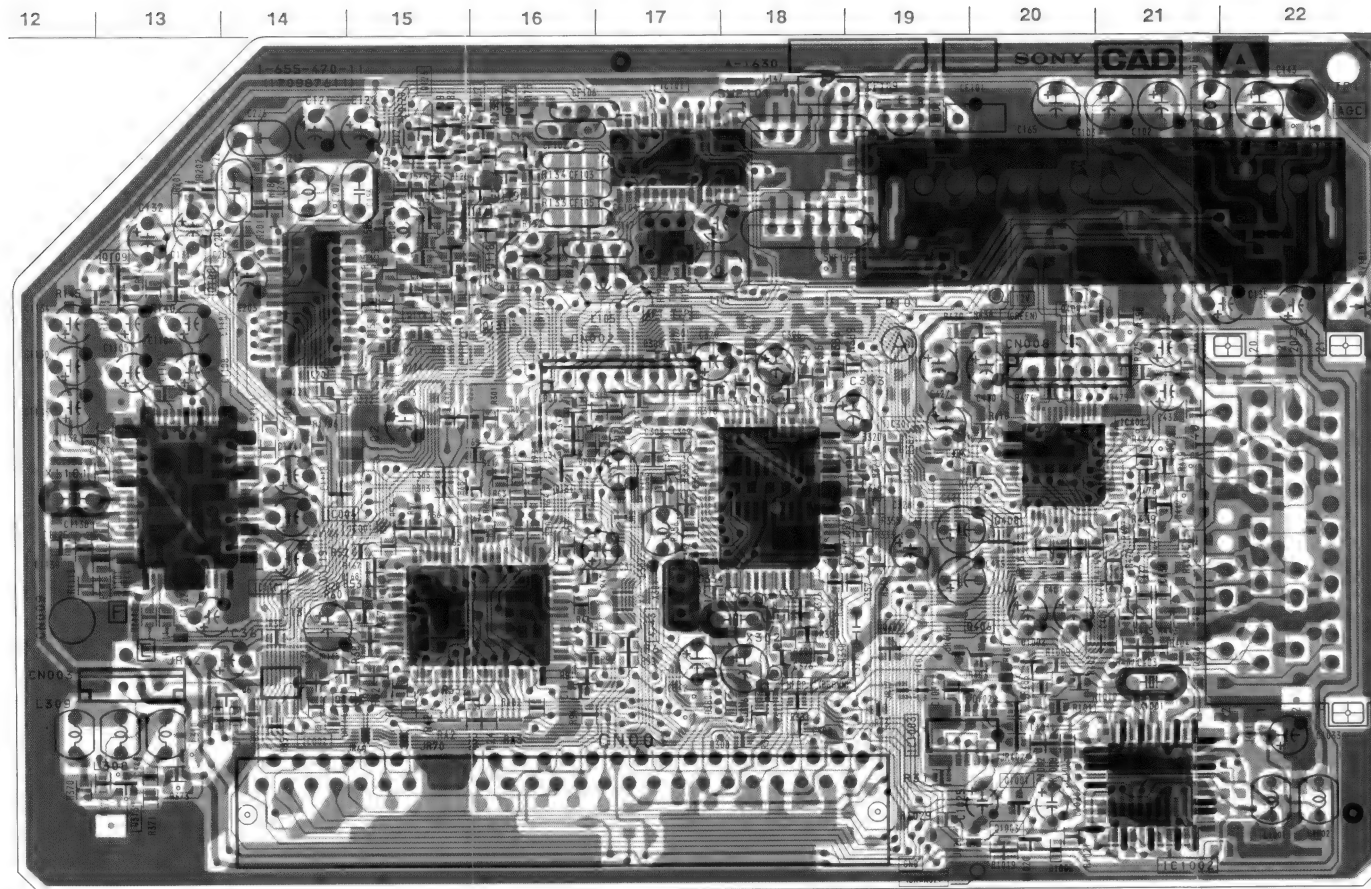
A BOARD * MARK

Model Ref	C2901A	C2903B C2908B C2909B	C2901D C2908D C2909D	C2903E C2908E C2909E	C2901K C2909K
C101	22 / 50V	4.7 / 50V	22 / 50V	22 / 50V	22 / 50V
C143	—	100 / 16V	—	—	—
C145	10p	10p	—	10p	10p
C146	10p	10p	—	10p	10p
C149	0	0	0	0	0.01
C154	68p	33p	68p	68p	68p
C155	10p	—	10p	10p	10p
C157	33p	68p	33p	33p	33p
C162	—	0.012	—	—	—
C163	—	1000p	—	—	—
C207	0.018 / 100V	0.018 / 100V	0.018 / 100V	0.018 / 100V	0.018 / 100V
C1110	—	0.047	—	0.047	—
CF101	EFCV4045A4	EFCV4045A4	EFCV4045A4	EFCV4045A4	EFCV4045A4
CF102	5.5MHz	6.5MHz	5.5MHz	5.5MHz	5.5MHz
CF103	5.5MHz	5.5MHz	5.5MHz	5.5MHz	5.5MHz
CF104	—	6.0MHz	6.5MHz	—	6.5MHz
CF106	5.7MHz	5.7MHz	5.7MHz	5.7MHz	5.7MHz
CF108	—	—	5.7MHz	—	—
D102	—	DAN202K	—	—	—
D103	—	DAN202K	DAN202K	—	DAN202K
D201	DA204K	DA204K	DA204K	DA204K	DA204K
IC101	TDA9813T	TDA9814T	TDA9813T	TDA9813T	TDA9813T
IC201	TDA6612	TDA6612	TDA6612	TDA6612	TDA6612
IC1002	CF70200FN	—	CF70203FN	CF70200FN	CF70200FN
JR122	0	—	0	0	0
JR123	0	—	0	0	0
JR125	0	—	—	0	—
JR127	—	—	—	—	—
JR201	0	—	0	—	0
JR202	0	—	0	—	0
JR401	—	0	—	—	—
JR402	—	0	—	—	—
JR403	—	0	—	—	—
L104	—	100UH	—	—	—
L105	12UH	5.6UH	12UH	12UH	12UH
L108	33UH	27UH	33UH	33UH	33UH
L201	4.7mH	4.7mH	4.7mH	4.7mH	4.7mH
Q103	—	DTC114EK	—	—	—
Q104	—	DTC114EK	—	—	—
Q105	—	DTC114EK	—	—	—
Q116	—	DTC144EK	DTC144EK	—	DTC144EK
Q117	—	DTC144EK	DTC144EK	—	DTC144EK
Q121	—	2SA1162-G	—	—	—
Q125	—	DTC114EK	—	—	—
R134	—	2.2K	2.2K	—	2.2K
R135	—	2.2K	2.2K	—	2.2K
R143	—	2.2K	2.2K	—	2.2K
R147	220	180	220	220	220
R150	0	0	0	0	0
R161	180	180	180	180	180
R193	—	1K	—	—	—
R199	1K	1.2K	1K	1K	1K
R461	75	75	75	75	75
R1104	—	33K	—	33K	—
R1105	—	1.8K	—	1.8K	—
RV102	—	22K	—	—	—
SWF101	K3953M	K3953M	K3953M	K3953M	K3953M
SWF102	K9350M	K9453M	K9350M	K9350M	K9350M
TU101	UV916H	UV916H	UV916H	UV916H	UV916H

A TUNER AUDIO CONTROL
AUDIO AMP, AV SW
RGB JUNGLE, Y/C PROCESSOR

— A BOARD —





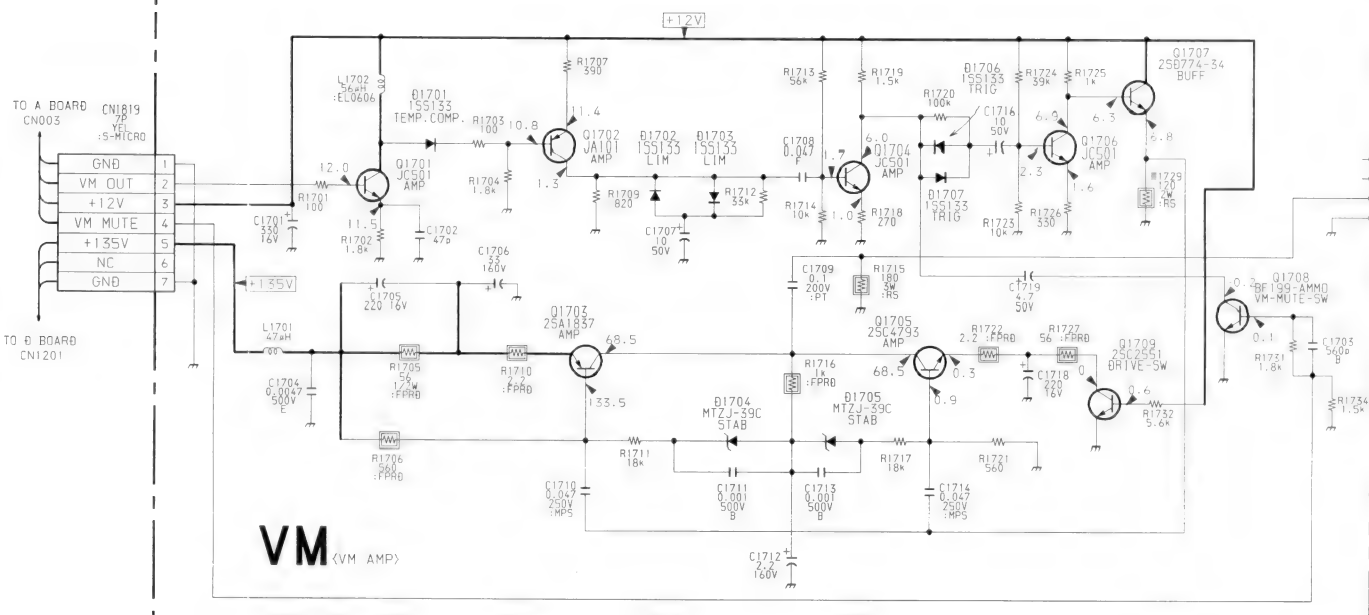
— A BOARD —

IC			
IC001	E-15	Q312	G-11
IC002	F-14	Q313	G-13
IC003	E-7	Q314	E-6
IC101	A-17	Q380	F-10
IC201	C-14	Q381	F-10
IC202	C-8	Q401	E-19
IC301	D-18	Q402	C-3
IC302	E-5	Q403	C-4
IC303	E-6	Q404	C-21
IC401	D-20	Q406	E-20
IC1001	F-2	Q407	B-2
IC1002	G-21	Q408	E-20
IC1003	F-19	Q1001	G-20
IC1101	E-14		
TRANSISTOR		DIODE	
Q4	F-9	D6	F-14
Q8	E-8	D7	F-14
Q11	E-7	D9	F-13
Q12	E-8	D11	E-8
Q14	F-15	D101	B-2
Q102	A-4	D102	B-5
Q103	B-5	D103	B-7
Q104	B-4	D108	A-8
Q105	B-5	D201	B-9
Q107	B-8	D301	C-17
Q108	B-13	D303	C-16
Q109	B-13	D304	C-7
Q114	C-15	D305	C-7
Q116	B-16	D314	C-4
Q117	B-16	D315	D-17
Q120	D-8	D401	D-3
Q121	A-1	D402	E-3
Q123	B-6	D404	D-3
Q124	A-15	D405	D-3
Q125	B-2	D406	D-3
Q126	A-15	D407	D-3
Q127	A-16	D408	D-3
Q128	A-15	D409	D-2
Q130	C-5	D410	D-2
Q131	B-15	D411	E-3
Q132	B-15	D1002	F-20
Q133	C-6	D1101	E-13
Q134	D-16	D1102	E-11
Q301	D-16	VARIABLE RESISTOR	
Q304	F-6	RV102	B-16

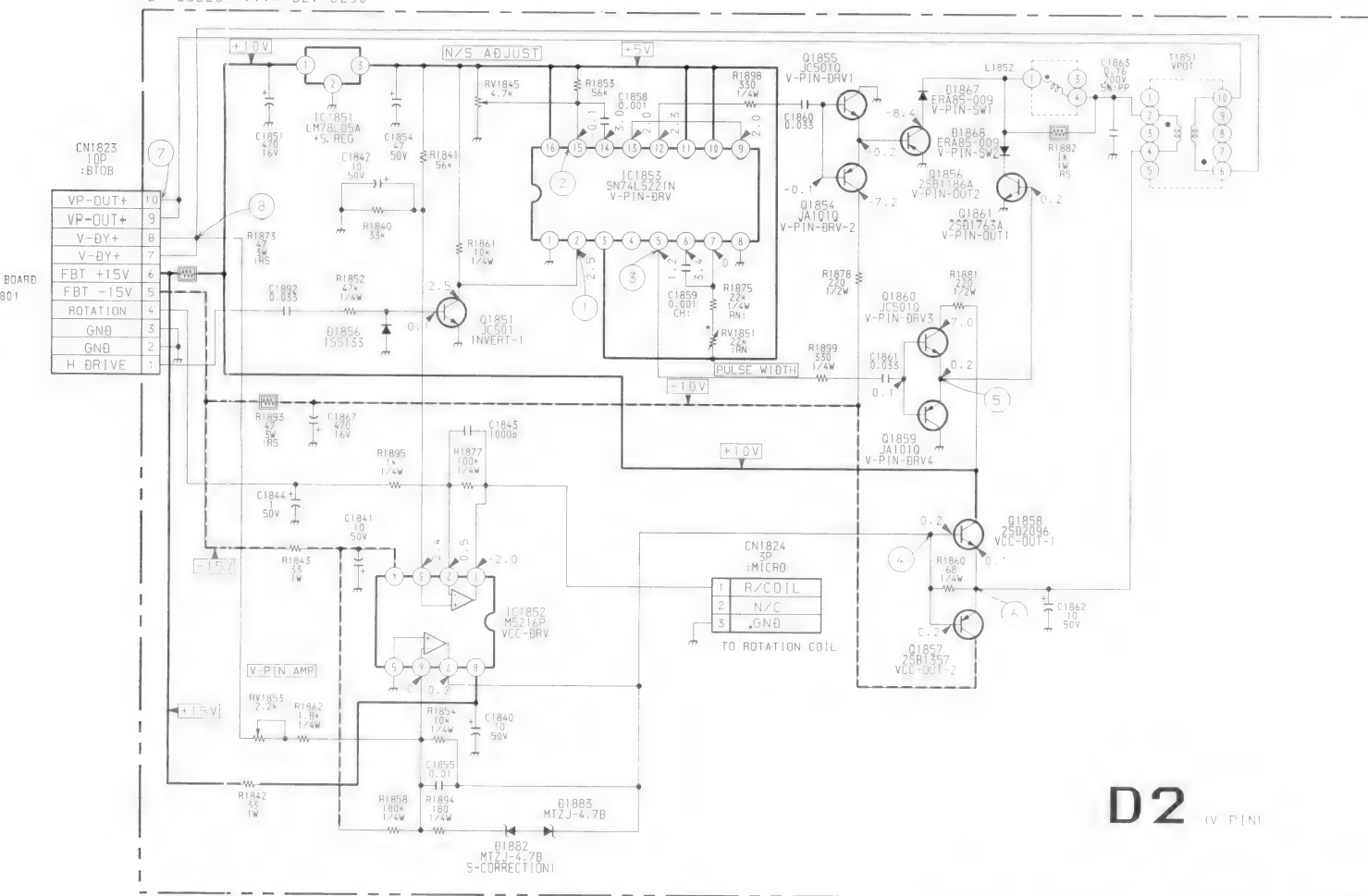
Note:

- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

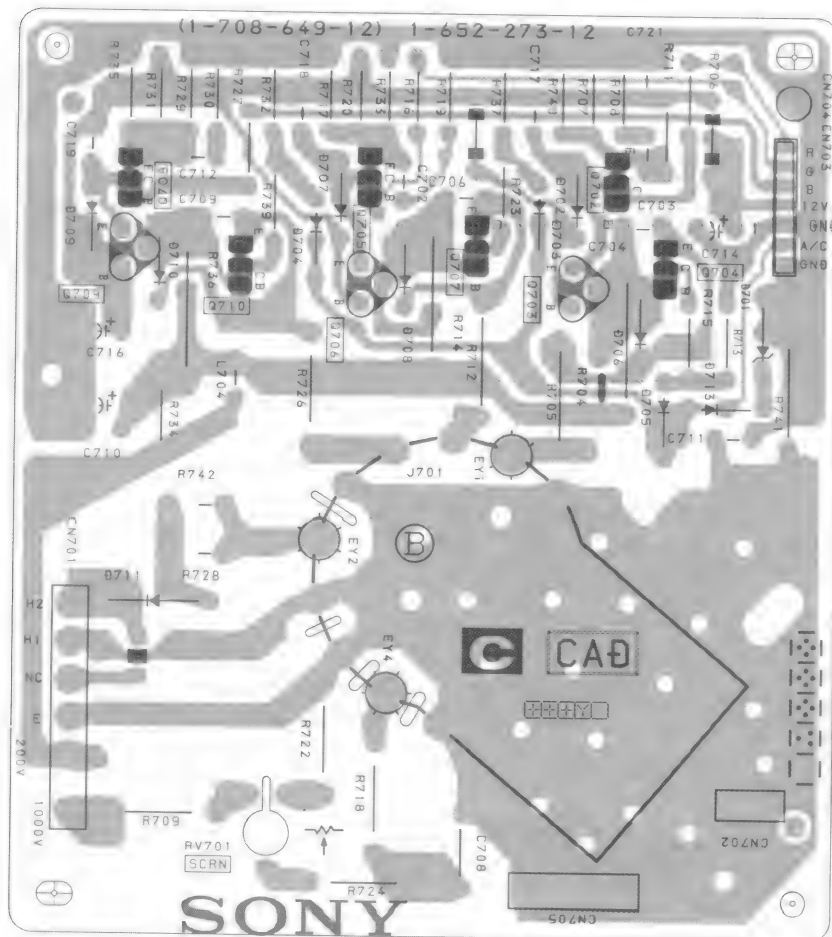
B-SSBE3B<...>VM-C2991A



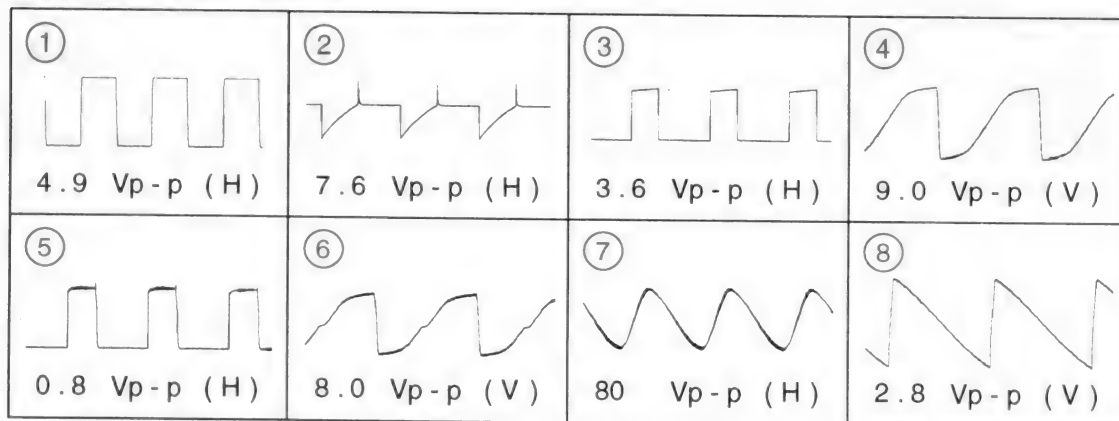
B-SSBE3<...>D2-C290



— C BOARD —



WAVEFORMS D2 BOARD





SECTION 6

EXPLODED VIEWS

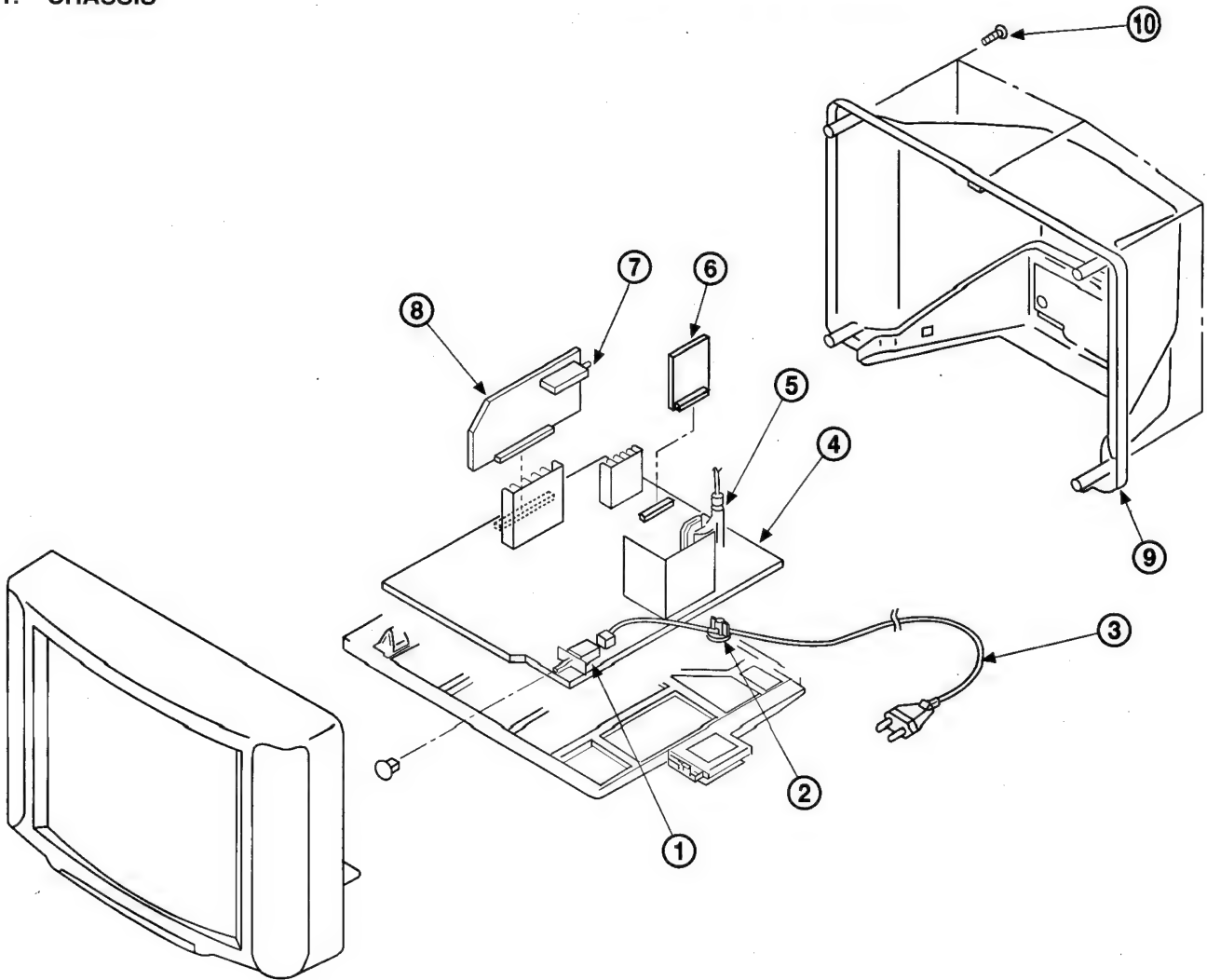
NOTE :




- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and marked  are critical for safety.
Replace only with the part number specified.

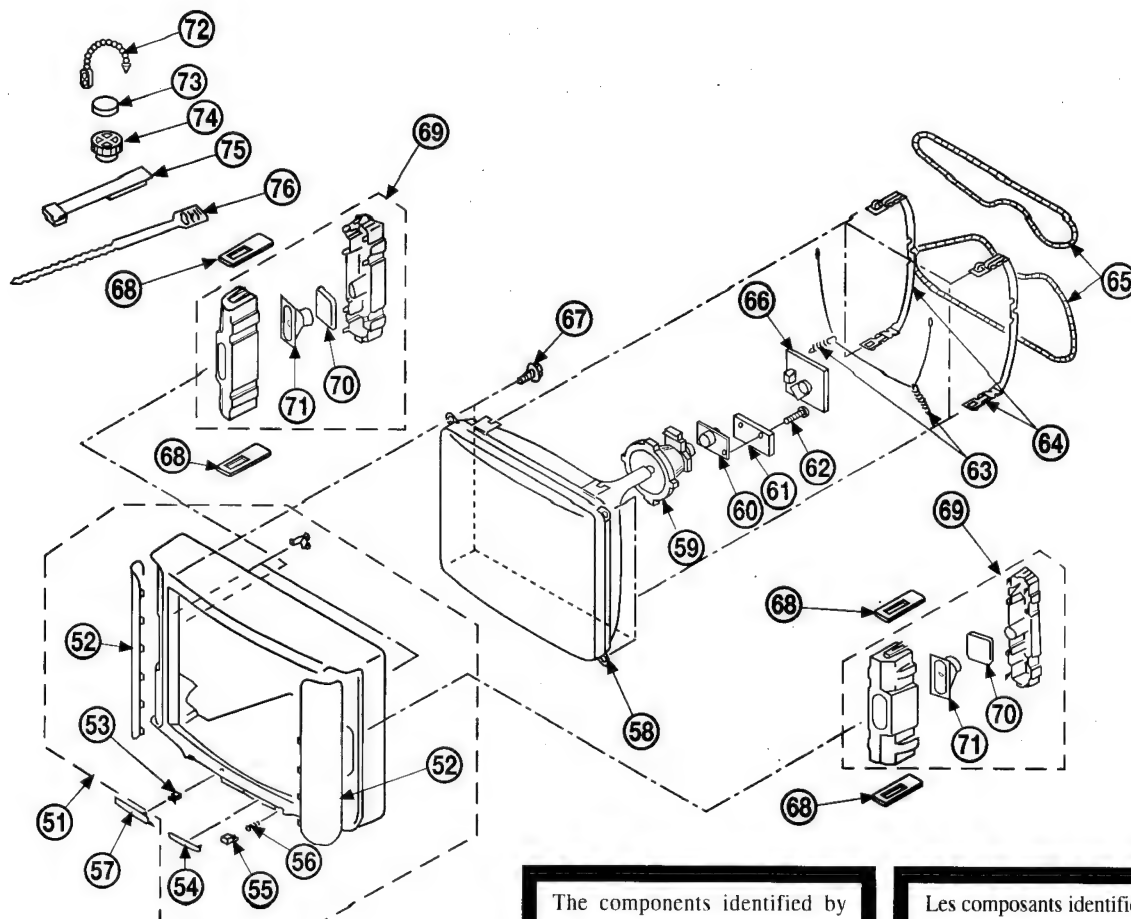
Les composants identifiés par une trame et une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS



REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
1	 1-571-433-12	SWITCH, PUSH (AC POWER)		8	*A-1632-266-A	A BOARD, COMPLETE	
2	*4-202-531-01	AC CORD LOCK (SC)				(KV-C2901D/C2908D/C2909D)	
3	 1-751-680-11	CORD, POWER (WITH NOISE FILTER)			*A-1632-276-A	A BOARD, COMPLETE	
		2.5A/250V				(KV-C2903B/C2908B/C2909B)	
4	*A-1642-147-A	D BOARD, COMPLETE			*A-1632-277-A	A BOARD, COMPLETE	
5	 1-453-169-11	TRANSFORMER ASSY, FLYBACK (UX-1604A2)				(KV-C2903E/C2908E/C2909E)	
6	*A-1640-173-A	D2 BOARD, COMPLETE			*A-1632-278-A	A BOARD, COMPLETE (KV-C2901A)	
7	1-693-185-11	TUNER (UV916H)			*A-1632-279-A	A BOARD, COMPLETE (KV-C2901K/C2909K)	
				9	4-202-993-01	COVER, REAR	
				10	4-039-358-01	SCREW (4x16), (+) BV TAPPING	

6-2. PICTURE TUBE



The components identified by shading and marked Δ are critical for safety.

Replace only with the part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

REF NO	PART NO	DESCRIPTION	REMARK	REF NO	PART NO	DESCRIPTION	REMARK
51	X-4200-196-1	BEZNET ASSY (S) (KV-C2901A/C2901D/C2901K)	52 - 56	57	4-203-013-01	DOOR (PAINTED) (S) (KV-C2901A/C2903B/C2901D/C2903E/C2901K)	
	X-4200-202-1	BEZNET ASSY (W) (KV-C2908D)	52 - 56		4-203-013-11	DOOR (PAINTED) (W) (KV-C2908B/C2908D/C2908E)	
	X-4200-203-1	BEZNET ASSY (B-N) (KV-C2909B/C2909E)	52 - 56		4-203-013-21	DOOR (PAINTED) (B) (KV-C2909B/C2909D/C2909E/C2909K)	
	X-4200-204-1	BEZNET ASSY (S-N) (KV-C2903B/C2903E)	52 - 56	58	Δ 8-733-841-05	PICTURE TUBE (SD-269) (M68KZT10X)	
	X-4200-205-1	BEZNET ASSY (W-N) (KV-C2908B/C2908E)	52 - 56	59	Δ 8-451-422-11	DEFLECTION YOKE (Y29GXA)	
	X-4200-206-1	BEZNET ASSY (B) (KV-C2909D/C2909K)	52 - 56	60	Δ 1-452-509-41	NECK ASSY, PICTURE TUBE (NA-308)	
52	X-4200-195-1	PANEL ASSY (S) (KV-C2901A/C2901D/C2901K)		61	*A-1644-052-A	VM BOARD, COMPLETE	
	X-4200-197-1	PANEL ASSY (W) (KV-C2908D)		62	4-039-356-01	SCREW (3x12), (+) BV TAPPING	
	X-4200-198-1	PANEL ASSY (B) (KV-C2909D/C2909K)		63	4-369-318-51	SPRING, TENSION	
	X-4200-199-1	PANEL ASSY (S-N) (KV-C2903B/C2903E)		64	4-202-749-01	HOLDER, DGC (29")	
	X-4200-200-1	PANEL ASSY (W-N) (KV-C2908B/C2908E)		65	Δ 1-406-807-11	COIL, DEGAUSSING	
	X-4200-201-1	PANEL ASSY (B-N) (KV-C2909B/C2909E)		66	*A-1638-058-A	C BOARD, COMPLETE	
53	4-392-036-01	CATCHER, PUSH		67	4-036-188-01	SCREW (M), PT	
54	4-202-981-01	WINDOW ORNAMENTAL		68	*A-202-988-01	CUSHION, BOX	
55	4-202-992-01	BUTTON, POWER		69	*A-1678-087-A	BOX ASSY	
56	4-202-964-01	SPRING		70	4-200-999-01	STOPPER	
				71	1-504-146-11	SPEAKER (5x11CM)	
				72	4-308-870-00	CLIP, LEAD WIRE	
				73	1-452-032-00	MAGNET, DISK; 10MM \emptyset	
				74	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM \emptyset	
				75	X-4387-214-1	PERMALLOY ASSY, CORRECTION	
				76	3-701-007-00	BAND, BINDING	

70 - 7

SECTION 7

ELECTRICAL PARTS LIST

The components identified by shading and marked * are critical for safety.
Replace only with the part number specified.

Les composants identifiés par une trame et une marque * sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

MF : mF, PF : mmF

COILS

MMH : mH, μ H : mH

A

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	*A-1632-266-A	A BOARD, COMPLETE (KV-C2901D/C2908D/ ***** C2909D)		C114	1-164-346-11	CERAMIC CHIP 1MF	16V
	*A-1632-276-A	A BOARD, COMPLETE (KV-C2903B/C2908B/ ***** C2909B)		C115	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
	*A-1632-277-A	A BOARD, COMPLETE (KV-C2903E/C2908E/ ***** C2909E)		C117	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
	*A-1632-278-A	A BOARD, COMPLETE (KV-C2901A) *****		C118	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
	*A-1632-279-A	A BOARD, COMPLETE (KV-C2901K/C2909K) *****		C119	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
< CAPACITOR >				C120	1-164-337-11	CERAMIC CHIP 2.2MF	16V
C1	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C121	1-124-126-00	ELECT 47MF	20% 16V
C2	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C122	1-124-126-00	ELECT 47MF	20% 16V
C3	1-126-964-11	ELECT 10MF	20% 50V	C123	1-163-090-00	CERAMIC CHIP 7PF	0.25PF 50V
C4	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C124	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C7	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C125	1-164-337-11	CERAMIC CHIP 2.2MF	16V
C8	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C126	1-164-337-11	CERAMIC CHIP 2.2MF	16V
C9	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C127	1-126-966-11	ELECT 33MF	20% 50V
C10	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C128	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C11	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C129	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C12	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C130	1-216-295-91	METAL GLAZE 0 5% 1/10W	
C13	1-126-933-11	ELECT 100MF	20% 16V	C131	1-124-126-00	ELECT 47MF	20% 16V
C15	1-163-105-00	CERAMIC CHIP 33PF	5% 50V	C132	1-124-126-00	ELECT 47MF	20% 16V
C16	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	C134	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C17	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C135	1-124-126-00	ELECT 47MF	20% 16V
C18	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C137	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C19	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C139	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
C21	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	C142	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C22	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C143	1-126-101-11	ELECT 100MF	20% 16V
C23	1-163-251-11	CERAMIC CHIP 100PF	5% 50V	(KV-C2903B/C2908B/C2909B)			
C24	1-163-243-11	CERAMIC CHIP 47PF	5% 50V	C144	1-162-638-00	CERAMIC CHIP 1MF	16V
C30	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C145	1-162-093-00	CERAMIC CHIP 10PF	5% 50V
C101	1-124-927-11	ELECT 4.7MF	20% 50V	(EXCEPT KV-C2901D/C2908D/C2909D)			
	1-126-233-11	ELECT 22MF	20% 50V	C146	1-163-093-00	CERAMIC CHIP 10PF	5% 50V
		(EXCEPT KV-C2903B/C2908B/C2909B)		(EXCEPT KV-C2901D/C2908D/C2909D)			
C102	1-126-966-11	ELECT 33MF	20% 50V	C149	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C103	1-126-966-11	ELECT 33MF	20% 50V	(KV-C2901K/C2909K)			
C104	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V		1-216-295-91	METAL GLAZE 0 5% 1/10W	
C105	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	(EXCEPT KV-C2901K/C2909K)			
C106	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C152	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C107	1-164-346-11	CERAMIC CHIP 1MF	16V	C153	1-164-337-11	CERAMIC CHIP 2.2MF	16V
C108	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C154	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
C109	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	(KV-C2903B/C2908B/C2909B)			
C112	1-163-117-00	CERAMIC CHIP 100PF	5% 50V		1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C113	1-124-126-00	ELECT 47MF	20% 16V	(EXCEPT KV-C2903B/C2908B/C2909B)			
				C155	1-163-093-00	CERAMIC CHIP 10PF	5% 50V
				(EXCEPT KV-C2903B/C2908B/C2909B)			
				C157	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
				(EXCEPT KV-C2903B/C2908B/C2909B)			
					1-163-113-00	CERAMIC CHIP 68PF	5% 50V
				(KV-C2903B/C2908B/C2909B)			

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C160	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C335	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C162	1-163-022-00	CERAMIC CHIP 0.012MF	10% 50V	C336	1-126-933-11	ELECT 100MF	20% 16V
		(KV-C2903B/C2908B/C2909B)		C337	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C163	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C338	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
		(KV-C2903B/C2908B/C2909B)		C339	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C164	1-163-119-00	CERAMIC CHIP 120PF	5% 50V	C342	1-126-964-11	ELECT 10MF	20% 50V
C165	1-126-933-11	ELECT 100MF	20% 16V	C346	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C201	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C347	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C202	1-163-137-00	CERAMIC CHIP 680PF	5% 50V	C348	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C203	1-126-964-11	ELECT 10MF	20% 50V	C349	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C204	1-164-182-11	CERAMIC CHIP 0.0033MF	10% 50V	C350	1-165-320-11	CERAMIC CHIP 0.47MF	10% 16V
C205	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C351	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C206	1-164-346-11	CERAMIC CHIP 1MF	16V	C352	1-163-109-00	CERAMIC CHIP 47PF	5% 50V
C207	1-137-613-11	FILM 0.0018MF	2% 100V	C353	1-124-126-00	ELECT 47MF	20% 16V
C208	1-164-346-11	CERAMIC CHIP 1MF	16V	C355	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C209	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V	C359	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C210	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C361	1-126-964-11	ELECT 10MF	20% 50V
C211	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C362	1-163-109-00	CERAMIC CHIP 47PF	5% 50V
C212	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C363	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C215	1-163-023-00	CERAMIC CHIP 0.015MF	10% 50V			(KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)	
C216	1-163-011-11	CERAMIC CHIP 0.0015MF	10% 50V	C365	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C219	1-163-023-00	CERAMIC CHIP 0.015MF	10% 50V	C382	1-126-964-11	ELECT 10MF	20% 50V
C220	1-163-011-11	CERAMIC CHIP 0.0015MF	10% 50V	C383	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C221	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	C399	1-163-097-00	CERAMIC CHIP 15PF	5% 50V
C222	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	C401	1-124-126-00	ELECT 47MF	20% 16V
C225	1-130-489-00	FILM 0.033MF	5% 50V	C402	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
C226	1-130-489-00	FILM 0.033MF	5% 50V	C403	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
C227	1-163-020-00	CERAMIC CHIP 0.0082MF	10% 50V	C404	1-124-126-00	ELECT 47MF	20% 16V
C228	1-163-020-00	CERAMIC CHIP 0.0082MF	10% 50V	C406	1-126-964-11	ELECT 10MF	20% 50V
C229	1-164-346-11	CERAMIC CHIP 1MF	16V	C407	1-164-346-11	CERAMIC CHIP 1MF	16V
C301	1-163-133-00	CERAMIC CHIP 470PF	5% 50V	C409	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C302	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C410	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C303	1-163-131-00	CERAMIC CHIP 390PF	5% 50V	C411	1-124-126-00	ELECT 47MF	20% 16V
C305	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C418	1-163-121-00	CERAMIC CHIP 150PF	5% 50V
C306	1-126-933-11	ELECT 100MF	20% 16V	C420	1-216-295-91	METAL GLAZE 0	5% 1/10W
C307	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C421	1-126-966-11	ELECT 33MF	20% 50V
C308	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C422	1-163-121-00	CERAMIC CHIP 150PF	5% 50V
C309	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C423	1-124-126-00	ELECT 47MF	20% 16V
C310	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C425	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
C311	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C426	1-164-346-11	CERAMIC CHIP 1MF	16V
C312	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C427	1-124-126-00	ELECT 47MF	20% 16V
C313	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C428	1-164-346-11	CERAMIC CHIP 1MF	16V
C314	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C429	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C315	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C430	1-124-126-00	ELECT 47MF	20% 16V
C316	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C431	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
C318	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C432	1-124-126-00	ELECT 47MF	20% 16V
C320	1-124-126-00	ELECT 47MF	20% 16V	C433	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C321	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C434	1-164-346-11	CERAMIC CHIP 1MF	16V
C322	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C435	1-126-933-11	ELECT 100MF	20% 16V
C323	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C436	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C324	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C437	1-164-346-11	CERAMIC CHIP 1MF	16V
C325	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C438	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C326	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V	C445	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C327	1-136-165-00	FILM 0.1MF	5% 50V	C1002	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C328	1-164-337-11	CERAMIC CHIP 2.2MF	16V	C1003	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C329	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1004	1-163-097-00	CERAMIC CHIP 15PF	5% 50V
C330	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V	C1005	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C331	1-165-320-11	CERAMIC CHIP 0.47MF	10% 16V	C1006	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C332	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	C1007	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C334	1-163-016-00	CERAMIC CHIP 0.0039MF	10% 50V				



REF.NO.	PART NO.	DESCRIPTION	REMARK
C1008	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C1009	1-163-097-00	CERAMIC CHIP 15PF	5% 50V
C1011	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C1013	1-164-346-11	CERAMIC CHIP 1MF	16V
C1015	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C1016	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C1018	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1019	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1020	1-126-233-11	ELECT 22MF	20% 50V
C1021	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1024	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C1025	1-124-126-00	ELECT 47MF	20% 16V
C1026	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1027	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1028	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1029	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1030	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1031	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1032	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1033	1-126-964-11	ELECT 10MF	20% 50V
C1034	1-164-346-11	CERAMIC CHIP 1MF	16V
< C1101-C1139 FITTED ON > < KV-C2903B/C2908B/C2909B/C2903E/C2908E/C2909E >			
C1101	1-163-131-00	CERAMIC CHIP 390PF	5% 50V
C1102	1-163-093-00	CERAMIC CHIP 10PF	5% 50V
C1103	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1104	1-126-964-11	ELECT 10MF	20% 50V
C1105	1-126-964-11	ELECT 10MF	20% 50V
C1106	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1107	1-124-126-00	ELECT 47MF	20% 16V
C1108	1-126-964-11	ELECT 10MF	20% 50V
C1110	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V
C1111	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1112	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1113	1-163-137-00	CERAMIC CHIP 680PF	5% 50V
C1116	1-124-126-00	ELECT 47MF	20% 16V
C1117	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1118	1-124-126-00	ELECT 47MF	20% 16V
C1119	1-124-126-00	ELECT 47MF	20% 16V
C1120	1-163-137-00	CERAMIC CHIP 680PF	5% 50V
C1122	1-124-126-00	ELECT 47MF	20% 16V
C1123	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1124	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1125	1-165-320-11	CERAMIC CHIP 0.47MF	10% 16V
C1126	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C1127	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C1128	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V
C1129	1-162-568-11	CERAMIC CHIP 0.33MF	25V
C1130	1-124-903-11	ELECT 1MF	20% 50V
C1131	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1132	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1133	1-124-126-00	ELECT 47MF	20% 16V
C1134	1-126-964-11	ELECT 10MF	20% 50V
C1135	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C1136	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1137	1-163-095-00	CERAMIC CHIP 12PF	5% 50V
C1139	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V

REF.NO.	PART NO.	DESCRIPTION	REMARK
< FILTER >			
CF101	1-760-154-11	TRAP, CERAMIC	
CF102	1-404-134-00	TRAP, CERAMIC (5.5MHZ) (EXCEPT KV-C2903B/C2908B/C2909B)	
	1-404-430-11	TRAP, CERAMIC (6.5MHZ) (KV-C2903B/C2908B/C2909B)	
CF103	1-760-106-11	FILTER, CERAMIC	
CF104	1-567-100-11	FILTER, CERAMIC (KV-C2903B/C2908B/C2909B)	
	1-567-101-00	FILTER, CERAMIC (KV-C2901D/C2908D/C2909D/C2901K/C2909K)	
CF106	1-760-107-11	FILTER, CERAMIC	
CF108	1-760-107-11	FILTER, CERAMIC (KV-C2901D/C2908D/C2909D)	
SWF101	1-579-273-11	FILTER, SURFACE WAVE	
SWF102	1-760-244-11	FILTER, SURFACE WAVE (KV-C2903B/C2908B/C2909B)	
	1-760-329-11	FILTER, SURFACE WAVE (EXCEPT KV-C2903B/C2908B/C2909B)	
< CONNECTOR >			
CN001	1-695-302-11	CONNECTOR, BOARD TO BOARD 50P	
CN002	*1-568-882-51	PIN, CONNECTOR 7P	
CN003	*1-568-879-11	PIN, CONNECTOR 4P	
< DIODE >			
D1	8-719-023-25	DIODE MA704WK	
D6	8-719-047-41	DIODE UMZ12N	
D7	8-719-988-62	DIODE 1SS355	
D9	8-719-988-62	DIODE 1SS355	
D11	8-719-988-62	DIODE 1SS355	
D101	8-719-977-81	DIODE DTZ33B	
D102	8-719-914-43	DIODE DAN202K (KV-C2903B/C2908B/C2909B)	
D103	8-719-914-43	DIODE DAN202K (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)	
D201	8-719-914-42	DIODE DA204K	
D301	8-719-988-62	DIODE 1SS355	
D303	8-719-988-62	DIODE 1SS355	
D304	8-719-988-62	DIODE 1SS355	
D305	8-719-988-62	DIODE 1SS355	
D314	8-719-047-16	DIODE BAS216	
D315	8-719-988-62	DIODE 1SS355	
D380	1-216-295-91	METAL GLAZE 0 5% 1/10W	
D401	8-719-047-41	DIODE UMZ12N	
D402	8-719-047-41	DIODE UMZ12N	
D404	8-719-047-41	DIODE UMZ12N	
D405	8-719-047-41	DIODE UMZ12N	
D406	8-719-047-41	DIODE UMZ12N	
D407	8-719-047-41	DIODE UMZ12N	
D408	8-719-047-41	DIODE UMZ12N	
D409	8-719-047-41	DIODE UMZ12N	
D410	8-719-047-41	DIODE UMZ12N	
D411	8-719-047-41	DIODE UMZ12N	
D1002	8-719-914-43	DIODE DAN202K	
D1101	8-719-988-62	DIODE 1SS355 (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	

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REF.NO.	PART NO.	DESCRIPTION	REMARK
D1102	8-719-820-71	DIODE 1SV214 (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
< IC >			
IC001	8-752-863-45	IC CXP85340A-SVS190 (EXCEPT KV-C2903E/C2908E/C2909E)	
	8-752-864-34	IC CXP85340A-SV5190 (KV-C2903E/C2908E/C2909E)	
IC002	8-759-334-20	IC ST24E32M6TR	
IC003	8-759-041-54	IC MN1382S	
IC101	8-759-277-66	IC TDA9814T/V2 (KV-C2903B/C2908B/C2909B)	
	8-759-289-18	IC TDA9813T (EXCEPT KV-C2903B/C2908B/C2909B)	
IC201	8-759-252-14	IC TDA6612-5X-GEG	
IC202	8-759-514-57	IC BA7046F	
IC301	8-759-366-44	IC TDA8366T-N3M	
IC302	8-759-288-85	IC TDA4665T	
IC303	8-759-251-56	IC TDA8395T (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)	
IC401	8-752-069-53	IC CXA1855Q	
IC1001	8-759-295-92	IC CF72416DW-R	
IC1002	8-759-252-10	IC CF70200FN-R (KV-C2901A/C2903E/C2908E/C2909E/ C2903B/C2908B/C2909B/C2901K/C2909K)	
	8-759-336-09	IC CF70203FN-F (KV-C2901D/C2908D/C2909D)	
IC1003	8-759-300-71	IC HD14053BFP	
IC1101	8-759-251-58	IC SAA7283T (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
< SOCKET >			
J401	1-766-296-11	CONNECTOR, DUAL SCART	
< COIL >			
L1	1-410-385-11	INDUCTOR CHIP 22UH	
L100	1-410-989-11	INDUCTOR CHIP 0.47UH	
L101	1-408-609-41	INDUCTOR 33UH	
L102	1-410-214-31	INDUCTOR CHIP 68UH	
L103	1-408-609-41	INDUCTOR 33UH	
L104	1-414-170-11	INDUCTOR CHIP 100UH (KV-C2903B/C2908B/C2909B)	
L105	1-408-406-00	INDUCTOR 5.6UH (KV-C2903B/C2908B/C2909B)	
	1-408-410-00	INDUCTOR 12UH (EXCEPT KV-C2903B/C2908B/C2909B)	
L106	1-412-011-31	INDUCTOR CHIP 27UH	
L107	1-410-985-11	INDUCTOR CHIP 0.22UH	
L108	1-408-414-00	INDUCTOR 27UH (KV-C2903B/C2908B/C2909B)	
	1-408-609-41	INDUCTOR 33UH (EXCEPT KV-C2903B/C2908B/C2909B)	
L109	1-412-010-41	INDUCTOR CHIP 22UH	
L110	1-412-004-31	INDUCTOR CHIP 6.8UH	
L111	1-414-170-11	INDUCTOR CHIP 100UH	
L112	1-410-200-31	INDUCTOR CHIP 4.7UH	

REF.NO.	PART NO.	DESCRIPTION	REMARK
L201	1-410-067-21	INDUCTOR 4.7MMH	
L307	1-408-609-41	INDUCTOR 33UH	
L308	1-408-424-00	INDUCTOR 180UH	
L309	1-408-424-00	INDUCTOR 180UH	
L310	1-408-407-00	INDUCTOR 6.8UH	
L313	1-216-295-91	METAL GLAZE 0 5% 1/10W	
L315	1-412-008-11	INDUCTOR CHIP 15UH	
L401	1-410-214-31	INDUCTOR CHIP 68UH	
L1001	1-408-419-00	INDUCTOR 68UH	
L1002	1-408-419-00	INDUCTOR 68UH	
L1003	1-410-999-11	INDUCTOR CHIP 3.3UH	
L1101	1-412-004-31	INDUCTOR CHIP 6.8UH (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
< TRANSISTOR >			
Q1	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q2	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q4	8-729-901-01	TRANSISTOR DTC144EK	
Q8	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q11	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q12	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q14	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q102	8-729-144-93	TRANSISTOR MPA502T	
Q103	8-729-900-53	TRANSISTOR DTC114EK (KV-C2903B/C2908B/C2909B)	
Q104	8-729-900-53	TRANSISTOR DTC114EK (KV-C2903B/C2908B/C2909B)	
Q105	8-729-900-53	TRANSISTOR DTC114EK (KV-C2903B/C2908B/C2909B)	
Q107	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q108	8-729-907-26	TRANSISTOR IMX1	
Q109	8-729-907-26	TRANSISTOR IMX1	
Q114	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q116	8-729-901-01	TRANSISTOR DTC144EK (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)	
Q117	8-729-901-01	TRANSISTOR DTC144EK (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)	
Q120	8-729-216-22	TRANSISTOR 2SA1162-G	
Q121	8-729-216-22	TRANSISTOR 2SA1162-G (KV-C2903B/C2908B/C2909B)	
Q123	8-729-901-01	TRANSISTOR DTC144EK	
Q124	8-729-901-01	TRANSISTOR DTC144EK	
Q125	8-729-900-53	TRANSISTOR DTC114EK (KV-C2903B/C2908B/C2909B)	
Q130	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q131	8-729-216-22	TRANSISTOR 2SA1162-G	
Q132	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q133	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q134	8-729-900-53	TRANSISTOR DTC114EK	
Q301	8-729-901-01	TRANSISTOR DTC144EK	
Q304	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q312	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q313	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q314	8-729-900-53	TRANSISTOR DTC114EK	
Q380	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q381	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q401	8-729-920-74	TRANSISTOR 2SC2412K-QR	
Q402	8-729-920-74	TRANSISTOR 2SC2412K-QR	



REF.NO.	PART NO.	DESCRIPTION	REMARK		
Q403	8-729-920-74	TRANSISTOR 2SC2412K-QR			
Q404	8-729-920-74	TRANSISTOR 2SC2412K-QR			
Q406	8-729-216-22	TRANSISTOR 2SA1162-G			
Q407	8-729-920-65	TRANSISTOR DTC123EK			
Q408	8-729-920-74	TRANSISTOR 2SC2412K-QR			
Q1001	8-729-920-74	TRANSISTOR 2SC2412K-QR			
< RESISTOR >					
JR3	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR8	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR9	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR10	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR12	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR13	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR14	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR15	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR16	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR17	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR18	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR19	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR22	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR25	1-412-006-31	INDUCTOR CHIP	10UH		
JR26	1-412-006-31	INDUCTOR CHIP	10UH		
JR28	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR29	1-412-006-31	INDUCTOR CHIP	10UH		
JR51	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR52	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR55	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR56	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR59	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR60	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR61	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR62	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR65	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR69	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR71	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR120	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR122	1-216-295-91	METAL GLAZE	0	5%	1/10W
(EXCEPT KV-C2903B/C2908B/C2909B)					
JR123	1-216-295-91	METAL GLAZE	0	5%	1/10W
(EXCEPT KV-C2903B/C2908B/C2909B)					
JR124	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR125	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2901A/C2903E/C2908E/C2909E)					
JR126	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR201	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2901A/C2901D/C2908D/ C2909D/C2901K/C2909K)					
JR202	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2901A/C2901D/C2908D/ C2909D/C2901K/C2909K)					
JR302	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR401	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2903B/C2908B/C2909B)					
JR402	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2903B/C2908B/C2909B)					
JR403	1-216-295-91	METAL GLAZE	0	5%	1/10W
(KV-C2903B/C2908B/C2909B)					
JR408	1-216-295-91	METAL GLAZE	0	5%	1/10W
JR1004	1-216-295-91	METAL GLAZE	0	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK		
R1	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R2	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R6	1-216-025-00	METAL GLAZE	100	5%	1/10W
R20	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R21	1-216-033-00	METAL GLAZE	220	5%	1/10W
R24	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R25	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R26	1-216-174-00	METAL GLAZE	100	5%	1/8W
R27	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R29	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R31	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R33	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R35	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R37	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R38	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R41	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R42	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R43	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R44	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R46	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R47	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R49	1-216-025-00	METAL GLAZE	100	5%	1/10W
R50	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R51	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R52	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R53	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R54	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R55	1-216-025-00	METAL GLAZE	100	5%	1/10W
R56	1-216-025-00	METAL GLAZE	100	5%	1/10W
R57	1-216-025-00	METAL GLAZE	100	5%	1/10W
R58	1-216-025-00	METAL GLAZE	100	5%	1/10W
R59	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R60	1-216-025-00	METAL GLAZE	100	5%	1/10W
R61	1-216-025-00	METAL GLAZE	100	5%	1/10W
R62	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R63	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R64	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R66	1-216-033-00	METAL GLAZE	220	5%	1/10W
R67	1-216-025-00	METAL GLAZE	100	5%	1/10W
R68	1-216-025-00	METAL GLAZE	100	5%	1/10W
R69	1-216-025-00	METAL GLAZE	100	5%	1/10W
R70	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R71	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R72	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R73	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R75	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R76	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R77	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R78	1-216-037-00	METAL GLAZE	330	5%	1/10W
R79	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R82	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R83	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R84	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R85	1-216-025-00	METAL GLAZE	100	5%	1/10W
R86	1-216-025-00	METAL GLAZE	100	5%	1/10W
R87	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R88	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R89	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R90	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R91	1-216-049-00	METAL GLAZE	1K	5%	1/10W

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REF.NO.	PART NO.	DESCRIPTION	REMARK
R92	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R93	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R94	1-216-039-00	METAL GLAZE 390 5%	1/10W
R95	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R96	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R97	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R99	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R101	1-216-675-11	METAL CHIP 10K 0.50%	1/10W
R103	1-216-679-11	METAL CHIP 15K 0.50%	1/10W
R104	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R105	1-216-025-00	METAL GLAZE 100 5%	1/10W
R106	1-216-025-00	METAL GLAZE 100 5%	1/10W
R107	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R108	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R109	1-216-180-00	METAL GLAZE 180 5%	1/8W
R110	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R111	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R112	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R113	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R114	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R115	1-218-755-11	METAL CHIP 130K 0.50%	1/10W
R116	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R117	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R118	1-216-107-00	METAL GLAZE 270K 5%	1/10W
R119	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R120	1-216-035-00	METAL GLAZE 270 5%	1/10W
R121	1-216-035-00	METAL GLAZE 270 5%	1/10W
R122	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R123	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R124	1-216-031-00	METAL GLAZE 180 5%	1/10W
R125	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R126	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R127	1-216-041-00	METAL GLAZE 470 5%	1/10W
R128	1-216-043-91	METAL GLAZE 560 5%	1/10W
R130	1-216-043-91	METAL GLAZE 560 5%	1/10W
R131	1-216-043-91	METAL GLAZE 560 5%	1/10W
R134	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)
R135	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)
R136	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R137	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R139	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R140	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R141	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R142	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R143	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W (KV-C2903B/C2908B/C2909B/C2901D/ C2908D/C2909D/C2901K/C2909K)
R144	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R145	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R146	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R147	1-216-031-00	METAL GLAZE 180 5%	1/10W (KV-C2903B/C2908B/C2909B)
	1-216-033-00	METAL GLAZE 220 5%	1/10W (EXCEPT KV-C2903B/C2908B/C2909B)
R148	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R149	1-216-049-00	METAL GLAZE 1K 5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R150	1-216-295-91	METAL GLAZE 0 5%	1/10W
R151	1-216-081-00	METAL GLAZE 22K 5%	1/10W
R152	1-216-174-00	METAL GLAZE 100 5%	1/8W
R153	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
R154	1-216-069-00	METAL GLAZE 6.8K 5%	1/10W
R155	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R156	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R157	1-216-295-91	METAL GLAZE 0 5%	1/10W
R160	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R161	1-216-031-00	METAL GLAZE 180 5%	1/10W
R162	1-216-017-00	METAL GLAZE 47 5%	1/10W
R163	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R164	1-216-025-00	METAL GLAZE 100 5%	1/10W
R165	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R166	1-216-097-00	METAL GLAZE 100K 5%	1/10W
R167	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R168	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R170	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R171	1-216-035-00	METAL GLAZE 270 5%	1/10W
R172	1-216-295-91	METAL GLAZE 0 5%	1/10W
R173	1-216-035-00	METAL GLAZE 270 5%	1/10W
R174	1-216-061-00	METAL GLAZE 3.3K 5%	1/10W
R175	1-216-049-00	METAL GLAZE 1K 5%	1/10W (KV-C2901K/C2909K)
R180	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R182	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R183	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R185	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R186	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R193	1-216-049-00	METAL GLAZE 1K 5%	1/10W (KV-C2903B/C2908B/C2909B)
R194	1-216-180-00	METAL GLAZE 180 5%	1/8W
R195	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R196	1-216-017-00	METAL GLAZE 47 5%	1/10W (EXCEPT KV-C2903B/C2908B/C2909B)
R197	1-216-041-00	METAL GLAZE 470 5%	1/10W
R198	1-216-029-00	METAL GLAZE 150 5%	1/10W
R199	1-216-049-00	METAL GLAZE 1K 5%	1/10W (EXCEPT KV-C2903B/C2908B/C2909B)
	1-216-051-00	METAL GLAZE 1.2K 5%	1/10W (KV-C2903B/C2908B/C2909B)
R200	1-216-047-00	METAL GLAZE 820 5%	1/10W
R201	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R202	1-216-091-00	METAL GLAZE 56K 5%	1/10W
R203	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R204	1-216-025-00	METAL GLAZE 100 5%	1/10W
R205	1-216-025-00	METAL GLAZE 100 5%	1/10W
R206	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R207	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R210	1-216-025-00	METAL GLAZE 100 5%	1/10W
R211	1-216-025-00	METAL GLAZE 100 5%	1/10W
R213	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R216	1-216-685-11	METAL CHIP 27K 0.50%	1/10W
R217	1-216-031-00	METAL GLAZE 180 5%	1/10W
R219	1-216-025-00	METAL GLAZE 100 5%	1/10W
R220	1-216-174-00	METAL GLAZE 100 5%	1/8W
R221	1-216-025-00	METAL GLAZE 100 5%	1/10W
R222	1-216-025-00	METAL GLAZE 100 5%	1/10W
R223	1-216-029-00	METAL GLAZE 150 5%	1/10W
R224	1-216-025-00	METAL GLAZE 100 5%	1/10W
R301	1-216-025-00	METAL GLAZE 100 5%	1/10W

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REF.NO.	PART NO.	DESCRIPTION	REMARK
R302	1-216-075-00	METAL GLAZE 12K 5%	1/10W
R303	1-216-091-00	METAL GLAZE 56K 5%	1/10W
R305	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R308	1-216-025-00	METAL GLAZE 100 5%	1/10W
R309	1-216-025-00	METAL GLAZE 100 5%	1/10W
R311	1-216-025-00	METAL GLAZE 100 5%	1/10W
R313	1-216-025-00	METAL GLAZE 100 5%	1/10W
R315	1-216-025-00	METAL GLAZE 100 5%	1/10W
R316	1-216-025-00	METAL GLAZE 100 5%	1/10W
R317	1-216-025-00	METAL GLAZE 100 5%	1/10W
R318	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R319	1-216-025-00	METAL GLAZE 100 5%	1/10W
R320	1-216-025-00	METAL GLAZE 100 5%	1/10W
R321	1-216-025-00	METAL GLAZE 100 5%	1/10W
R322	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R326	1-216-077-00	METAL GLAZE 15K 5%	1/10W
R327	1-216-097-00	METAL GLAZE 100K 5%	1/10W
R328	1-216-025-00	METAL GLAZE 100 5%	1/10W
R329	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R330	1-216-033-00	METAL GLAZE 220 5%	1/10W
R331	1-216-033-00	METAL GLAZE 220 5%	1/10W
R332	1-216-033-00	METAL GLAZE 220 5%	1/10W
R333	1-216-689-11	METAL CHIP 39K 0.50%	1/10W
R340	1-216-097-00	METAL GLAZE 100K 5%	1/10W
R341	1-216-083-00	METAL GLAZE 27K 5%	1/10W
R342	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R352	1-216-123-11	METAL GLAZE 1.2M 5%	1/10W
R354	1-216-025-00	METAL GLAZE 100 5%	1/10W
R355	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R356	1-216-025-00	METAL GLAZE 100 5%	1/10W
R364	1-216-041-00	METAL GLAZE 470 5%	1/10W
R365	1-216-027-00	METAL GLAZE 120 5%	1/10W
R370	1-216-033-00	METAL GLAZE 220 5%	1/10W
R371	1-216-033-00	METAL GLAZE 220 5%	1/10W
R372	1-216-033-00	METAL GLAZE 220 5%	1/10W
R373	1-216-041-00	METAL GLAZE 470 5%	1/10W
R380	1-216-222-00	METAL GLAZE 10K 5%	1/8W
R381	1-216-025-00	METAL GLAZE 100 5%	1/10W
R382	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R383	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R384	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R385	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R386	1-216-041-00	METAL GLAZE 470 5%	1/10W
R387	1-216-041-00	METAL GLAZE 470 5%	1/10W
R388	1-216-041-00	METAL GLAZE 470 5%	1/10W
R389	1-216-041-00	METAL GLAZE 470 5%	1/10W
R390	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R392	1-216-091-00	METAL GLAZE 56K 5%	1/10W
R393	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R401	1-216-039-00	METAL GLAZE 390 5%	1/10W
R402	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R403	1-216-039-00	METAL GLAZE 390 5%	1/10W
R404	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R405	1-216-039-00	METAL GLAZE 390 5%	1/10W
R406	1-216-039-00	METAL GLAZE 390 5%	1/10W
R407	1-216-198-91	METAL GLAZE 1K 5%	1/8W
R408	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R409	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R410	1-216-025-00	METAL GLAZE 100 5%	1/10W
R413	1-216-033-00	METAL GLAZE 220 5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R415	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R417	1-216-033-00	METAL GLAZE 220 5%	1/10W
R419	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R420	1-216-033-00	METAL GLAZE 220 5%	1/10W
R421	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R422	1-216-022-00	METAL GLAZE 75 5%	1/10W
R423	1-216-093-00	METAL GLAZE 68K 5%	1/10W
R424	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R425	1-216-022-00	METAL GLAZE 75 5%	1/10W
R426	1-216-025-00	METAL GLAZE 100 5%	1/10W
R427	1-216-188-00	METAL GLAZE 390 5%	1/8W
R429	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R430	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R431	1-216-188-00	METAL GLAZE 390 5%	1/8W
R432	1-216-039-00	METAL GLAZE 390 5%	1/10W
R433	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R434	1-216-025-00	METAL GLAZE 100 5%	1/10W
R435	1-216-039-00	METAL GLAZE 390 5%	1/10W
R436	1-216-022-00	METAL GLAZE 75 5%	1/10W
R437	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R438	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R439	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R440	1-216-025-00	METAL GLAZE 100 5%	1/10W
R441	1-216-022-00	METAL GLAZE 75 5%	1/10W
R442	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R443	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R444	1-216-067-00	METAL GLAZE 5.6K 5%	1/10W
R445	1-216-113-00	METAL GLAZE 470K 5%	1/10W
R446	1-216-025-00	METAL GLAZE 100 5%	1/10W
R447	1-216-025-00	METAL GLAZE 100 5%	1/10W
R448	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R449	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R454	1-216-089-00	METAL GLAZE 47K 5%	1/10W
R458	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R461	1-216-022-00	METAL GLAZE 75 5%	1/10W
R464	1-216-034-00	METAL GLAZE 240 5%	1/10W
R465	1-216-025-00	METAL GLAZE 100 5%	1/10W
R473	1-216-022-00	METAL GLAZE 75 5%	1/10W
R474	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R482	1-216-073-00	METAL GLAZE 10K 5%	1/10W
R483	1-216-029-00	METAL GLAZE 150 5%	1/10W
R484	1-216-025-00	METAL GLAZE 100 5%	1/10W
R485	1-216-025-00	METAL GLAZE 100 5%	1/10W
R486	1-216-025-00	METAL GLAZE 100 5%	1/10W
R487	1-216-022-00	METAL GLAZE 75 5%	1/10W
R488	1-216-022-00	METAL GLAZE 75 5%	1/10W
R489	1-216-022-00	METAL GLAZE 75 5%	1/10W
R490	1-216-295-91	METAL GLAZE 0 5%	1/10W
R491	1-216-295-91	METAL GLAZE 0 5%	1/10W
R492	1-216-295-91	METAL GLAZE 0 5%	1/10W
R1001	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R1002	1-216-025-00	METAL GLAZE 100 5%	1/10W
R1004	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R1008	1-216-085-00	METAL GLAZE 33K 5%	1/10W
R1009	1-216-025-00	METAL GLAZE 100 5%	1/10W
R1010	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R1011	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R1012	1-216-053-00	METAL GLAZE 1.5K 5%	1/10W
R1014	1-216-025-00	METAL GLAZE 100 5%	1/10W
R1015	1-216-025-00	METAL GLAZE 100 5%	1/10W

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C

Les composants identifiés par
une trame et une marque
sont critiques pour la sécurité.
Ne les remplacer que par une
pièce portant le numéro spécifié.

The components identified by
shading and marked A are critical
for safety.
Replace only with the part number
specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1016	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R1025	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R1026	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R1027	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R1029	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R1101	1-216-025-00	METAL GLAZE 100 5% 1/10W (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
R1102	1-216-049-00	METAL GLAZE 1K 5% 1/10W (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
R1103	1-220-149-11	METAL GLAZE 2.2 10% 1/2W (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
R1104	1-216-085-00	METAL GLAZE 33K 5% 1/10W (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
R1105	1-216-055-00	METAL GLAZE 1.8K 5% 1/10W (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	
< R1106-R1118 FITTED ON >			
< KV-C2903B/C2908B/C2909B/C2903E/C2908E/C2909E >			
R1106	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R1107	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R1108	1-216-121-00	METAL GLAZE 1M 5% 1/10W	
R1109	1-216-121-00	METAL GLAZE 1M 5% 1/10W	
R1110	1-220-238-11	METAL GLAZE 10 5% 1/4W	
R1111	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R1112	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R1113	1-216-117-00	METAL GLAZE 680K 5% 1/10W	
R1114	1-216-158-00	METAL GLAZE 22 5% 1/8W	
R1115	1-216-121-00	METAL GLAZE 1M 5% 1/10W	
R1116	1-216-081-00	METAL GLAZE 22K 5% 1/10W	
R1117	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R1118	1-220-149-11	METAL GLAZE 2.2 10% 1/2W	
< RESISTOR NETWORK >			
RA2	1-236-908-11	RESISTOR, NETWORK (CHIP TYPE)	
RA3	1-236-908-11	RESISTOR, NETWORK (CHIP TYPE)	
< VARIABLE RESISTOR >			
RV102	1-241-765-11	RES, ADJ, CARBON 22K (KV-C2903B/C2908B/C2909B)	
< TRANSFORMER >			
T101	1-403-686-11	COIL	
< TUNER >			
TU101	1-693-185-11	TUNER (UV916H)	
< CRYSTAL >			
X2	1-579-063-21	VIBRATOR, CERAMIC	
X301	1-567-505-11	OSCILLATOR, CRYSTAL	
X302	1-567-504-11	OSCILLATOR, CRYSTAL	
X1001	1-567-495-11	OSCILLATOR, CRYSTAL (EXCEPT KV-C2903B/C2908B/C2909B)	
X1101	1-579-689-21	VIBRATOR, CRYSTAL (KV-C2903B/C2908B/C2909B/C2903E/ C2908E/C2909E)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
*A-1638-058-A C BOARD, COMPLETE *****			
< CAPACITOR >			
C702	1-102-824-00	CERAMIC 470PF 5% 50V	
C703	1-164-082-11	CERAMIC 560PF 10% 50V	
C708	1-162-114-00	CERAMIC 0.0047MF 2KV	
C710	1-123-947-00	ELECT 10MF 20% 250V	
C712	1-164-082-11	CERAMIC 560PF 10% 50V	
C714	1-124-360-00	ELECT 1000MF 20% 16V	
C717	1-102-114-00	CERAMIC 470PF 10% 50V	
C718	1-102-114-00	CERAMIC 470PF 10% 50V	
C719	1-102-114-00	CERAMIC 470PF 10% 50V	
< CONNECTOR >			
CN701	1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
CN702	1-695-915-11	TAB (CONTACT)	
CN703	*1-568-882-51	PIN, CONNECTOR 7P	
< DIODE >			
D701	8-719-110-14	DIODE RD9.1ESB3	
D702	8-719-901-33	DIODE 1SS133	
D706	8-719-901-33	DIODE 1SS133	
D707	8-719-901-33	DIODE 1SS133	
D708	8-719-901-33	DIODE 1SS133	
D709	8-719-901-33	DIODE 1SS133	
D710	8-719-901-33	DIODE 1SS133	
D711	8-719-302-43	DIODE EL1Z	
D713	8-719-901-33	DIODE 1SS133	
D714	8-719-901-33	DIODE 1SS133	
D715	8-719-901-33	DIODE 1SS133	
D716	8-719-901-33	DIODE 1SS133	
D717	8-719-901-33	DIODE 1SS133	
D718	8-719-901-33	DIODE 1SS133	
D719	8-719-901-33	DIODE 1SS133	
< CRT SOCKET >			
J701	1-526-990-22	SOCKET, CRT	
< COIL >			
L704	1-408-609-41	INDUCTOR 33UH	
< TRANSISTOR >			
Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q703	8-729-906-70	TRANSISTOR BF871	
Q704	8-729-200-17	TRANSISTOR 2SA1091-0	
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q706	8-729-906-70	TRANSISTOR BF871	
Q707	8-729-200-17	TRANSISTOR 2SA1091-0	
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q709	8-729-906-70	TRANSISTOR BF871	
Q710	8-729-200-17	TRANSISTOR 2SA1091-0	
< RESISTOR >			
R704	1-216-486-00	METAL OXIDE 8.2K 5% 3W F	
R705	1-202-822-00	SOLID 2.2K 10% 1/2W	
R706	1-249-409-11	CARBON 220 5% 1/4W	
R707	1-249-408-11	CARBON 180 5% 1/4W	
R709	1-202-844-00	SOLID 330K 10% 1/2W	

REF.NO.	PART NO.	DESCRIPTION	REMARK
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R711	1-249-420-11	CARBON	1.8K 5% 1/4W
R712	1-202-822-00	SOLID	2.2K 10% 1/2W
R713	1-215-493-00	METAL	1M 1% 1/4W
R714	1-216-486-00	METAL OXIDE	8.2K 5% 3W F
R715	1-249-417-11	CARBON	1K 5% 1/4W

R716	1-249-409-11	CARBON	220 5% 1/4W
R717	1-249-408-11	CARBON	180 5% 1/4W
R718	1-202-814-11	SOLID	33K 10% 1/2W
R720	1-249-420-11	CARBON	1.8K 5% 1/4W
R722	1-202-848-00	SOLID	680K 10% 1/2W

R723	1-249-417-11	CARBON	1K 5% 1/4W
R724	1-202-846-00	SOLID	470K 10% 1/2W
R726	1-202-822-00	SOLID	2.2K 10% 1/2W
R727	1-249-409-11	CARBON	220 5% 1/4W
R728	1-216-350-11	METAL OXIDE	1.2 5% 1W F

R729	1-249-408-11	CARBON	180 5% 1/4W
R731	1-249-420-11	CARBON	1.8K 5% 1/4W
R732	1-215-479-00	METAL	270K 1% 1/4W
R734	1-247-807-31	CARBON	100 5% 1/4W
R736	1-216-486-00	METAL OXIDE	8.2K 5% 3W F

R737	1-215-485-00	METAL	470K 1% 1/4W
R739	1-249-417-11	CARBON	1K 5% 1/4W
R741	1-202-549-00	SOLID	100 20% 1/2W
R744	1-249-426-11	CARBON	5.6K 5% 1/4W
R745	1-249-426-11	CARBON	5.6K 5% 1/4W

R746	1-249-426-11	CARBON	5.6K 5% 1/4W
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< VARIABLE RESISTOR >

RV701	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M
RV702	1-241-656-11	RES, ADJ, METAL FILM 110M

*A-1640-173-A D2 BOARD, COMPLETE

< CAPACITOR >

C1840	1-107-714-11	ELECT	10MF	20%	50V
C1841	1-107-714-11	ELECT	10MF	20%	50V
C1842	1-107-714-11	ELECT	10MF	20%	50V
C1843	1-137-364-11	FILM	0.001MF	5%	50V
C1844	1-124-903-11	ELECT	1MF	20%	50V

C1851	1-126-103-11	ELECT	470MF	20%	16V
C1854	1-126-967-11	ELECT	47MF	20%	50V
C1855	1-137-370-11	FILM	0.01MF	5%	50V
C1858	1-137-364-11	FILM	0.001MF	5%	50V
C1859	1-137-364-11	FILM	0.001MF	5%	50V

C1860	1-130-489-00	FILM	0.033MF	5%	50V
C1861	1-130-489-00	FILM	0.033MF	5%	50V
C1863	1-136-104-00	FILM	0.16MF	5%	200V
C1867	1-126-103-11	ELECT	470MF	20%	16V
C1892	1-130-489-00	FILM	0.033MF	5%	50V

< CONNECTOR >

CN1823	1-573-299-21	CONNECTOR, BOARD TO BOARD 10P
CN1824	1-568-878-51	PLUG, CONNECTOR, 3P

< DIODE >

D1856	8-719-901-33	DIODE 1SS133
D1867	8-719-987-87	DIODE ERA85-009
D1868	8-719-987-87	DIODE ERA85-009

REF.NO.	PART NO.	DESCRIPTION	REMARK
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D1882	8-719-010-34	DIODE UZ-4.7BSC
D1883	8-719-010-34	DIODE UZ-4.7BSC

< IC >

IC1851	8-759-991-41	IC LM78L05ACZ
IC1852	8-759-603-37	IC M5216P
IC1853	8-759-902-21	IC SN74LS221N

< COIL >

L1852	1-459-390-00	COIL (WITH CORE)
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< TRANSISTOR >

Q1851	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1854	8-729-173-38	TRANSISTOR 2SA733-K
Q1855	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1856	8-729-017-05	TRANSISTOR 2SA1837
Q1857	8-729-122-03	TRANSISTOR 2SA1220A-P

Q1858	8-729-920-92	TRANSISTOR 2SD2096-EF
Q1859	8-729-173-38	TRANSISTOR 2SA733-K
Q1860	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1861	8-729-017-06	TRANSISTOR 2SC4793

< RESISTOR >

R1840	1-249-435-11	CARBON	33K	5%	1/4W
R1841	1-249-438-11	CARBON	56K	5%	1/4W
R1842	1-215-860-11	METAL	33	5%	1W
R1843	1-215-860-11	METAL	33	5%	1W
R1852	1-249-437-11	CARBON	47K	5%	1/4W

R1853	1-249-438-11	CARBON	56K	5%	1/4W
R1854	1-249-429-11	CARBON	10K	5%	1/4W
R1858	1-247-885-00	CARBON	180K	5%	1/4W
R1860	1-249-403-11	CARBON	68	5%	1/4W
R1861	1-249-429-11	CARBON	10K	5%	1/4W

R1862	1-249-420-11	CARBON	1.8K	5%	1/4W
R1873	1-215-909-11	METAL OXIDE	47	5%	3W F
R1875	1-215-453-00	METAL	22K	1%	1/4W
R1877	1-249-441-11	CARBON	100K	5%	1/4W
R1878	1-260-091-11	CARBON	220	5%	1/2W

R1881	1-260-091-11	CARBON	220	5%	1/2W
R1882	1-215-869-11	METAL OXIDE	1K	5%	1W F
R1893	1-215-909-11	METAL OXIDE	47	5%	3W F
R1894	1-249-408-11	CARBON	180	5%	1/4W
R1895	1-249-417-11	CARBON	1K	5%	1/4W

R1898	1-249-411-11	CARBON	330	5%	1/4W
R1899	1-249-411-11	CARBON	330	5%	1/4W

< VARIABLE RESISTOR >

RV1851	1-241-765-11	RES, ADJ, CERMET 22K
RV1853	1-241-628-11	RES, ADJ, CARBON 2.2K
RV1854	1-241-784-11	RES, ADJ, CARBON 4.7K

< TRANSFORMER >

T1851	1-423-786-11	TRANSFORMER, FERRITE (VPOT)
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D

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Ne les remplacer que par une
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The components identified by
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Replace only with the part number
specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	*A-1642-147-A	D BOARD, COMPLETE *****		C636	1-164-503-61	CERAMIC	0.0022MF 20% 400V
	4-201-023-01	SPACER, INSULATING		C639	1-136-165-00	FILM	0.1MF 5% 50V
	4-201-057-01	COVER, FUSE		C640	1-106-220-00	MYLAR	0.1MF 10% 100V
	4-202-373-01	SPRING, IC		C647	1-162-116-00	CERAMIC	680PF 10% 2KV
	4-812-134-00	RIVET NYLON, 3.5		C800	1-137-437-11	FILM	0.0056MF 5% 50V
	< CAPACITOR >			C801	1-136-153-00	FILM	0.01MF 5% 50V
C502	1-102-824-00	CERAMIC	470PF 5% 50V	C804	1-136-165-00	FILM	0.1MF 5% 50V
C503	1-136-165-00	FILM	0.1MF 5% 50V	C805	1-106-395-00	MYLAR	0.15MF 10% 200V
C504	1-102-824-00	CERAMIC	470PF 5% 50V	C806	1-108-704-11	MYLAR	0.1MF 10% 200V
C506	1-126-941-11	ELECT	470MF 20% 25V	C807	1-136-853-11	FILM	0.56MF 5% 200V
C507	1-109-953-11	ELECT	2.2MF 20% 50V	C810	1-126-772-11	ELECT	1MF 20% 250V
C509	1-136-165-00	FILM	0.1MF 5% 50V	C811	1-102-212-00	CERAMIC	820PF 10% 500V
C510	1-126-969-11	ELECT	220MF 20% 50V	C812	1-136-540-11	FILM	0.82MF 5% 200V
C511	1-136-202-11	FILM	0.33MF 5% 63V	C813	1-129-722-00	FILM	0.047MF 10% 630V
C513	1-106-220-00	MYLAR	0.1MF 10% 100V	C814	1-136-565-11	FILM	0.015MF 3% 1.4KV
C514	1-136-165-00	FILM	0.1MF 5% 50V	C815	1-136-562-11	MYLAR	0.0082MF 10% 400V
C515	1-126-941-11	ELECT	470MF 20% 25V	C816	1-161-754-00	CERAMIC	0.001MF 10% 2KV
C517	1-126-941-11	ELECT	470MF 20% 25V	C817	1-161-754-00	CERAMIC	0.001MF 10% 2KV
C518	1-102-228-00	CERAMIC	470PF 10% 500V	C818	1-162-134-11	CERAMIC	470PF 10% 2KV
C519	1-102-228-00	CERAMIC	470PF 10% 500V	C819	1-136-208-11	FILM	0.068MF 10% 250V
C520	1-126-941-11	ELECT	470MF 20% 25V	C820	1-102-114-00	CERAMIC	470PF 10% 50V
C521	1-124-006-11	ELECT	10MF 20% 25V	C821	1-162-114-00	CERAMIC	0.0047MF 2KV
C522	1-126-964-11	ELECT	10MF 20% 50V	C822	1-107-662-11	ELECT	22MF 20% 250V
C523	1-136-165-00	FILM	0.1MF 5% 50V	C824	1-123-024-21	ELECT	33MF 160V
C600	1-164-503-61	CERAMIC	0.0022MF 20% 400V	C829	1-124-902-00	ELECT	0.47MF 20% 50V
C601	1-161-964-91	CERAMIC	0.0047MF 250V	C830	1-124-902-00	ELECT	0.47MF 20% 50V
C602	1-161-964-91	CERAMIC	0.0047MF 250V	C832	1-124-903-11	ELECT	1MF 20% 50V
C603	1-125-318-00	ELECT (BLOCK)	220MF 20% 400V	C834	1-124-916-11	ELECT	22MF 20% 25V
C604	1-124-122-11	ELECT	100MF 20% 50V	C835	1-162-318-11	CERAMIC	0.001MF 10% 500V
C605	1-107-929-11	ELECT	10MF 20% 100V	C836	1-162-117-00	CERAMIC	100PF 10% 500V
C606	1-162-318-11	CERAMIC	0.001MF 10% 500V	C838	1-102-228-00	CERAMIC	470PF 10% 500V
C607	1-104-666-11	ELECT	220MF 20% 25V	C839	1-136-189-00	FILM	0.1MF 10% 250V
C608	1-109-880-11	FILM	0.0015MF 3% 2KV	C900	1-101-810-00	CERAMIC	100PF 5% 500V
C611	1-102-228-00	CERAMIC	470PF 10% 500V	C901	1-101-810-00	CERAMIC	100PF 5% 500V
C612	1-104-799-11	ELECT	22MF 20% 100V	C902	1-137-372-11	FILM	0.022MF 5% 50V
C613	1-124-347-00	ELECT	100MF 20% 160V	C903	1-137-372-11	FILM	0.022MF 5% 50V
C614	1-126-804-11	ELECT	100MF 20% 25V	C904	1-124-910-11	ELECT	47MF 20% 50V
C615	1-126-376-11	ELECT	470MF 20% 25V	C905	1-124-907-11	ELECT	10MF 20% 50V
C616	1-110-639-11	ELECT	1000MF 20% 25V	C906	1-126-967-11	ELECT	47MF 20% 50V
C617	1-107-884-11	ELECT	1000MF 20% 16V	C907	1-124-903-11	ELECT	1MF 20% 50V
C618	1-136-165-00	FILM	0.1MF 5% 50V	C908	1-126-967-11	ELECT	47MF 20% 50V
C619	1-102-228-00	CERAMIC	470PF 10% 500V	C909	1-124-903-11	ELECT	1MF 20% 50V
C620	1-102-228-00	CERAMIC	470PF 10% 500V	C910	1-137-393-11	FILM	0.01MF 5% 100V
C621	1-136-165-00	FILM	0.1MF 5% 50V	C1200	1-136-165-00	FILM	0.1MF 5% 50V
C622	1-104-797-11	ELECT	0.47MF 20% 100V	C1201	1-136-165-00	FILM	0.1MF 5% 50V
C623	1-104-666-11	ELECT	220MF 20% 25V	C1202	1-136-165-00	FILM	0.1MF 5% 50V
C624	1-136-165-00	FILM	0.1MF 5% 50V	C1203	1-136-169-00	FILM	0.22MF 5% 50V
C625	1-126-967-11	ELECT	47MF 20% 50V	C1204	1-136-169-00	FILM	0.22MF 5% 50V
C626	1-104-666-11	ELECT	220MF 20% 25V	C1205	1-101-005-00	CERAMIC	0.022MF 50V
C627	1-104-666-11	ELECT	220MF 20% 25V	C1206	1-101-005-00	CERAMIC	0.022MF 50V
C628	1-126-964-11	ELECT	10MF 20% 50V	C1207	1-126-933-11	ELECT	100MF 20% 16V
C629	1-126-800-51	ELECT	2200MF 20% 25V	C1208	1-124-927-11	ELECT	4.7MF 20% 50V
C630	1-126-800-51	ELECT	2200MF 20% 25V	C1209	1-124-927-11	ELECT	4.7MF 20% 50V
C631	1-126-233-11	ELECT	22MF 20% 50V	C1210	1-124-925-11	ELECT	2.2MF 20% 50V
C632	1-104-666-11	ELECT	220MF 20% 25V	C1211	1-124-925-11	ELECT	2.2MF 20% 50V
C633	1-107-564-11	FILM	0.22MF 20% 300V	C1214	1-126-933-11	ELECT	100MF 20% 16V
C634	1-107-564-11	FILM	0.22MF 20% 300V	C1215	1-136-173-00	FILM	0.47MF 5% 50V
C635	1-107-564-11	FILM	0.22MF 20% 300V	C1216	1-137-366-11	FILM	0.0022MF 5% 50V
				C1217	1-137-366-11	FILM	0.0022MF 5% 50V
				C1218	1-126-934-11	ELECT	220MF 20% 16V

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D


REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
< CONNECTOR >				D904	8-719-923-60	DIODE MTZJ-9.1A	
CN600	1-508-786-11	PIN, CONNECTOR (5MM PITCH) 2P		D905	8-719-923-60	DIODE MTZJ-9.1A	
CN601	1-508-765-11	PIN, CONNECTOR (5MM PITCH) 3P		D906	8-719-923-60	DIODE MTZJ-9.1A	
CN603	*1-580-844-11	PIN, CONNECTOR (POWER)		D1201	8-719-109-72	DIODE RD3.9ESB2	
CN800	*1-580-798-11	CONNECTOR PIN (DY) 6P		< FUSE >			
CN801	1-573-296-11	CONNECTOR, BOARD TO BOARD 10P		F601	1-576-232-21	FUSE (H.B.C.) 5A/250V	
CN803	1-695-915-11	TAB (CONTACT)			1-533-230-11	HOLDER, FUSE ; F601	
CN804	1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P		< FERRITE BEAD >			
CN807	1-568-878-51	PIN, CONNECTOR 3P		FB600	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
CN900	1-568-678-11	TERMINAL BLOCK, S 3P		FB601	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
CN901	*1-564-520-11	PLUG, CONNECTOR 5P		FB602	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
CN902	1-695-299-11	CONNECTOR, BOARD TO BOARD 50P		FB604	1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
CN1200	*1-568-879-11	PIN, CONNECTOR 4P		FB605	1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
CN1201	*1-568-878-51	PIN, CONNECTOR 3P		FB606	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
< DIODE >				FB607	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
D500	8-719-109-85	DIODE RD5.1ESB2		< IC >			
D502	8-719-979-85	DIODE EGP20G		IC500	8-759-192-71	IC STV9379	
D503	8-719-979-85	DIODE EGP20G		IC600	8-759-183-88	IC STR-S6708	
D504	8-719-901-33	DIODE 1SS133		IC601	8-749-924-92	IC TLP721-GR	
D505	8-719-982-03	DIODE MTZJ-3.6A		IC602	8-749-920-61	IC SE-135N	
D506	8-719-901-33	DIODE 1SS133		IC603	8-759-144-82	IC μ PC2405HF	
D507	8-719-109-85	DIODE RD5.1ESB2		IC604	8-759-250-63	IC TL750L05CLPR	
D600	8-719-510-53	DIODE D4SB60L		IC605	8-759-231-58	IC TA7812S	
D601	8-719-046-77	DIODE EM1-V1		IC606	8-759-267-25	IC LM2940T-9.0	
D603	8-719-109-97	DIODE RD6.8ESB2		IC800	8-759-103-93	IC μ PC393C	
D604	8-719-046-75	DIODE EU-1-V1		IC900	8-741-790-11	IC SBX1790-51	
D605	8-719-312-61	DIODE EU-1Z		IC1200	8-759-250-68	IC TDA7264	
D606	8-719-312-61	DIODE EU-1Z		IC1201	8-759-502-21	IC TDA2822M	
D607	8-719-046-78	DIODE EG-1Z-V1		< JACK SOCKET >			
D608	8-719-046-75	DIODE EU-1-V1		J900	1-764-606-11	JACK	
D609	8-719-301-64	DIODE RU4DS		< COIL >			
D610	8-719-046-74	DIODE AU-01Z-V1		L502	1-412-519-11	INDUCTOR 3.3UH	
D611	8-719-302-43	DIODE EL1Z		L503	1-412-519-11	INDUCTOR 3.3UH	
D612	8-719-053-64	DIODE RU3YX-LF-C4		L609	1-412-533-21	INDUCTOR 47UH	
D613	8-719-045-48	DIODE FML-G12S		L611	1-412-527-11	INDUCTOR 15UH	
D614	8-719-045-48	DIODE FML-G12S		L612	1-414-415-11	INDUCTOR, WIDE BAND	
D615	8-719-046-75	DIODE EU-1-V1		L613	1-414-415-11	INDUCTOR, WIDE BAND	
D616	8-719-110-03	DIODE RD7.5ESB2		L800	1-459-087-00	COIL, HCC DUST CORE 3.9MMH	
D617	8-719-901-33	DIODE 1SS133		L801	1-459-087-00	COIL, HCC DUST CORE 3.9MMH	
D618	8-719-901-33	DIODE 1SS133		L802	1-459-104-00	COIL, WITH CORE	
D619	8-719-901-33	DIODE 1SS133		L803	1-420-872-00	COIL, AIR CORE	
D620	8-719-901-33	DIODE 1SS133		L804	1-459-907-11	COIL, HORIZONTAL LINEARITY	
D622	8-719-923-60	DIODE MTZJ-9.1A		L805	1-406-675-11	COIL, CHOKE 4.7MMH	
D625	8-719-901-33	DIODE 1SS133		L809	1-412-533-21	INDUCTOR 47UH	
D626	8-719-046-74	DIODE AU-01Z-V1		L900	1-408-409-00	INDUCTOR 10UH	
D800	8-719-901-33	DIODE 1SS133		L901	1-408-409-00	INDUCTOR 10UH	
D801	8-719-901-33	DIODE 1SS133		L902	1-408-409-00	INDUCTOR 10UH	
D802	8-719-901-33	DIODE 1SS133		L903	1-408-409-00	INDUCTOR 10UH	
D803	8-719-908-03	DIODE GP08D		< IC LINK >			
D807	8-719-302-43	DIODE EL1Z		PS600	1-532-686-91	LINK, IC 2.7A (ICP-F75)	
D808	8-719-908-03	DIODE GP08D		PS601	1-532-686-91	LINK, IC 2.7A (ICP-F75)	
D809	8-719-018-82	DIODE RGP02-20EL-6394		PS602	1-532-686-91	LINK, IC 2.7A (ICP-F75)	
D810	8-719-302-43	DIODE EL1Z		PS603	1-532-686-91	LINK, IC 2.7A (ICP-F75)	
D812	8-719-038-49	DIODE FMS-3FU-LF027-103					
D815	8-719-908-03	DIODE GP08D					
D817	8-719-109-89	DIODE RD5.6ESB2					
D901	8-719-030-11	DIODE SLA-570KT3F					
D902	8-719-923-60	DIODE MTZJ-9.1A					
D903	8-719-923-60	DIODE MTZJ-9.1A					




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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	522-605-91	LINK, P.					
	< TRANSISTOR >						
Q501	8-729-119-78	TRANSISTOR 2SC2785-HFE		R616	1-215-479-00	METAL 270K 1%	1/4W
Q502	8-729-173-38	TRANSISTOR 2SA733-K		R617	1-215-901-00	METAL OXIDE 33K 5%	2W F
Q503	8-729-900-89	TRANSISTOR DTC144ES		R618	1-247-863-91	CARBON 22K 5%	1/4W
Q601	8-729-025-04	TRANSISTOR 2SC3852A		R619	1-216-425-11	METAL OXIDE 56 5%	1W F
Q602	8-729-320-28	TRANSISTOR 2SA1667		R620	1-247-895-00	CARBON 470K 5%	1/4W
Q603	8-729-027-08	TRANSISTOR 2SC2389S-R		R621	1-216-425-11	METAL OXIDE 56 5%	1W F
Q604	8-729-024-35	TRANSISTOR 2SC2808S-R		R622	1-249-437-11	CARBON 47K 5%	1/4W
Q605	8-729-119-78	TRANSISTOR 2SC2785-HFE		R623	1-249-429-11	CARBON 10K 5%	1/4W
Q606	8-729-900-65	TRANSISTOR DTA144ES		R624	1-249-405-11	CARBON 100 5%	1/4W F
Q607	8-729-119-78	TRANSISTOR 2SC2785-HFE		R625	1-249-434-11	CARBON 27K 5%	1/4W
Q800	8-729-119-78	TRANSISTOR 2SC2785-HFE		R626	1-249-430-11	CARBON 12K 5%	1/4W
Q801	8-729-017-06	TRANSISTOR 2SC4793		R628	1-249-415-11	CARBON 680 5%	1/4W F
Q802	8-729-016-32	TRANSISTOR 2SC4927-01		R629	1-244-945-91	CARBON 1M 5%	1/2W
Q803	8-729-119-80	TRANSISTOR 2SC2688-LK		R630	1-218-265-21	METAL 8.2M 5%	1W
Q805	8-729-900-89	TRANSISTOR DTC144ES		R631	1-205-949-11	WIREWOUND 1.8 5%	10W
Q1200	8-729-119-78	TRANSISTOR 2SC2785-HFE		R632	1-247-807-31	CARBON 100 5%	1/4W
Q1201	8-729-900-74	TRANSISTOR DTC143TS		R633	1-247-807-31	CARBON 100 5%	1/4W
Q1202	8-729-900-80	TRANSISTOR DTC114ES		R634	1-249-397-11	CARBON 22 5%	1/4W F
Q1203	8-729-900-74	TRANSISTOR DTC143TS		R635	1-249-437-11	CARBON 47K 5%	1/4W
Q1204	8-729-900-74	TRANSISTOR DTC143TS		R636	1-249-417-11	CARBON 1K 5%	1/4W
	< RESISTOR >			R637	1-249-409-11	CARBON 220 5%	1/4W
R500	1-215-457-00	METAL 33K 1%	1/4W	R638	1-247-863-91	CARBON 22K 5%	1/4W
R502	1-249-421-11	CARBON 2.2K 5%	1/4W	R639	1-215-427-00	METAL 1.8K 1%	1/4W
R503	1-249-429-11	CARBON 10K 5%	1/4W	R640	1-216-381-11	METAL OXIDE 0.22 5%	3W F
R504	1-215-461-00	METAL 47K 1%	1/4W	R641	1-216-381-11	METAL OXIDE 0.22 5%	3W F
R505	1-249-382-11	CARBON 1.2 5%	1/4W F	R642	1-205-949-11	WIREWOUND 1.8 5%	10W
R506	1-215-443-00	METAL 8.2K 1%	1/4W	R644	1-247-807-31	CARBON 100 5%	1/4W
R507	1-215-888-00	METAL OXIDE 220 5%	2W F	R645	1-249-422-11	CARBON 2.7K 5%	1/4W
R508	1-216-371-00	METAL OXIDE 1.5 5%	2W F	R646	1-249-377-11	CARBON 0.47 5%	1/4W F
R509	1-249-443-11	CARBON 0.47 5%	1/4W F	R647	1-202-933-61	FUSIBLE 0.1 10%	1/2W F
R510	1-249-443-11	CARBON 0.47 5%	1/4W F	R648	1-216-397-11	METAL OXIDE 4.7 5%	3W F
R517	1-215-427-00	METAL 1.8K 1%	1/4W	R800	1-249-421-11	CARBON 2.2K 5%	1/4W
R518	1-215-427-00	METAL 1.8K 1%	1/4W	R801	1-249-429-11	CARBON 10K 5%	1/4W
R520	1-215-457-00	METAL 33K 1%	1/4W	R802	1-249-431-11	CARBON 15K 5%	1/4W
R521	1-215-461-00	METAL 47K 1%	1/4W	R803	1-249-423-11	CARBON 3.3K 5%	1/4W
R522	1-247-863-91	CARBON 22K 5%	1/4W	R804	1-249-430-11	CARBON 12K 5%	1/4W
R523	1-247-863-91	CARBON 22K 5%	1/4W	R805	1-249-425-11	CARBON 4.7K 5%	1/4W
R524	1-249-425-11	CARBON 4.7K 5%	1/4W	R812	1-249-421-11	CARBON 2.2K 5%	1/4W
R525	1-249-425-11	CARBON 4.7K 5%	1/4W	R813	1-215-867-00	METAL OXIDE 470 5%	1W F
R526	1-249-421-11	CARBON 2.2K 5%	1/4W	R814	1-249-411-11	CARBON 330 5%	1/4W
R527	1-215-438-00	METAL 5.1K 1%	1/4W	R816	1-216-481-11	METAL OXIDE 1.2K 5%	3W F
R528	1-247-901-11	CARBON 820K 5%	1/4W	R817	1-216-481-11	METAL OXIDE 1.2K 5%	3W F
R529	1-247-895-00	CARBON 470K 5%	1/4W	R818	1-215-882-00	METAL OXIDE 22 5%	2W F
R600	1-216-490-11	METAL OXIDE 39K 5%	3W F	R819	1-216-345-11	METAL OXIDE 0.47 5%	1W F
R601	1-249-417-11	CARBON 1K 5%	1/4W	R820	1-249-403-11	CARBON 68 5%	1/4W
R603	1-215-875-11	METAL OXIDE 10K 5%	1W F	R821	1-215-909-11	METAL OXIDE 47 5%	3W F
R604	1-249-420-11	CARBON 1.8K 5%	1/4W	R822	1-215-868-00	METAL OXIDE 680 5%	1W F
R605	1-216-362-11	METAL OXIDE 0.27 5%	2W F	R824	1-249-420-11	CARBON 1.8K 5%	1/4W
R607	1-216-421-11	METAL OXIDE 12 5%	1W F	R826	1-247-752-11	CARBON 1K 5%	1/2W
R608	1-216-365-00	METAL OXIDE 0.47 5%	2W F	R827	1-249-425-11	CARBON 4.7K 5%	1/4W
R610	1-215-427-00	METAL 1.8K 1%	1/4W	R828	1-249-425-11	CARBON 4.7K 5%	1/4W
R611	1-215-859-00	METAL OXIDE 22 5%	1W F	R829	1-249-493-11	CARBON 56K 5%	1/2W
R612	1-249-428-11	CARBON 8.2K 5%	1/4W	R830	1-217-778-11	FUSIBLE 1K 5%	1W F
R613	1-249-417-11	CARBON 1K 5%	1/4W	R833	1-249-421-11	CARBON 2.2K 5%	1/4W F
R614	1-215-877-11	METAL OXIDE 22K 5%	1W F	R836	1-249-439-11	CARBON 68K 5%	1/4W
R615	1-249-435-11	CARBON 33K 5%	1/4W	R837	1-249-429-11	CARBON 10K 5%	1/4W
				R840	1-247-807-31	CARBON 100 5%	1/4W
				R841	1-249-418-11	CARBON 1.2K 5%	1/4W
				R842	1-249-435-11	CARBON 33K 5%	1/4W
				R843	1-247-903-00	CARBON 1M 5%	1/4W

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D

VM

REF.NO.	PART NO.	DESCRIPTION	REMARK
R846	1-247-893-11	CARBON 390K 5% 1/4W	
R847	1-247-897-11	CARBON 560K 5% 1/4W	
R848	1-249-438-11	CARBON 56K 5% 1/4W	
R849	1-249-429-11	CARBON 10K 5% 1/4W	
R850	1-249-425-11	CARBON 4.7K 5% 1/4W	
R851	1-215-898-11	METAL OXIDE 10K 5% 2W	F
R852	1-249-432-11	CARBON 18K 5% 1/4W	
R900	1-249-409-11	CARBON 220 5% 1/4W	
R901	1-202-539-00	SOLID 39 10% 1/2W	
R902	1-202-539-00	SOLID 39 10% 1/2W	
R905	1-247-804-11	CARBON 75 5% 1/4W	
R906	1-247-804-11	CARBON 75 5% 1/4W	
R907	1-247-804-11	CARBON 75 5% 1/4W	
R908	1-249-401-11	CARBON 47 5% 1/4W	
R909	1-249-437-11	CARBON 47K 5% 1/4W	
R910	1-249-437-11	CARBON 47K 5% 1/4W	
R911	1-249-423-11	CARBON 3.3K 5% 1/4W	
R912	1-249-429-11	CARBON 10K 5% 1/4W	
R913	1-249-423-11	CARBON 3.3K 5% 1/4W	
R914	1-249-429-11	CARBON 10K 5% 1/4W	
R915	1-247-791-91	CARBON 22 5% 1/4W	
R916	1-247-791-91	CARBON 22 5% 1/4W	
R917	1-247-791-91	CARBON 22 5% 1/4W	
R1200	1-249-425-11	CARBON 4.7K 5% 1/4W	
R1201	1-249-434-11	CARBON 27K 5% 1/4W	
R1202	1-249-393-11	CARBON 10 5% 1/4W	F
R1203	1-249-421-11	CARBON 2.2K 5% 1/4W	
R1204	1-249-421-11	CARBON 2.2K 5% 1/4W	
R1205	1-249-428-11	CARBON 8.2K 5% 1/4W	
R1206	1-249-428-11	CARBON 8.2K 5% 1/4W	
R1208	1-212-849-00	FUSIBLE 4.7 5% 1/4W	F
R1209	1-212-849-00	FUSIBLE 4.7 5% 1/4W	F
R1211	1-249-424-11	CARBON 3.9K 5% 1/4W	
R1212	1-249-424-11	CARBON 3.9K 5% 1/4W	
R1213	1-249-421-11	CARBON 2.2K 5% 1/4W	
R1216	1-249-413-11	CARBON 470 5% 1/4W	
R1217	1-249-425-11	CARBON 4.7K 5% 1/4W	
< VARIABLE RESISTOR >			
RV301	1-238-552-11	RES, ADJ, CARBON 470K	
< RELAY >			
RY600	1-755-018-11	RELAY	
< SWITCH >			
S601	1-571-433-12	SWITCH, PUSH (AC POWER)	
S900	1-692-979-11	SWITCH, TACTILE	
S901	1-692-979-11	SWITCH, TACTILE	
S902	1-692-979-11	SWITCH, TACTILE	
< SPARK GAP >			
SG801	1-519-422-11	GAP, SPARK	
< TRANSFORMER >			
LF600	1-421-776-21	LFT	
LF601	1-421-776-21	LFT	
T601	1-426-805-11	SRT	
T800	1-424-545-11	TRANSFORMER, FERRITE (PMT)	
T803	1-453-169-11	TRANSFORMER ASSY, FLYBACK (UX-1604A2)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
T804	1-437-090-00	HDT	
< THERMISTOR >			
THP600	1-809-827-11	THERMISTOR, POSITIVE	

*A-1644-052-A	VM BOARD, COMPLETE		

4-382-854-11	SCREW (M3X10), P, SW (+)		
< CAPACITOR >			
C1701	1-124-119-00	ELECT 330MF 20% 16V	
C1702	1-101-880-00	CERAMIC 47PF 5% 50V	
C1703	1-102-115-00	CERAMIC 560PF 10% 50V	
C1704	1-161-830-00	CERAMIC 0.0047MF 500V	
C1705	1-124-120-11	ELECT 220MF 20% 16V	
C1706	1-123-935-00	ELECT 33MF 20% 160V	
C1707	1-124-907-11	ELECT 10MF 20% 50V	
C1708	1-101-006-00	CERAMIC 0.047MF 50V	
C1709	1-108-704-11	MYLAR 0.1MF 10% 200V	
C1710	1-136-207-11	FILM 0.047MF 10% 250V	
C1711	1-162-318-11	CERAMIC 0.001MF 10% 500V	
C1712	1-107-667-11	ELECT 2.2MF 20% 160V	
C1713	1-162-318-11	CERAMIC 0.001MF 10% 500V	
C1714	1-136-207-11	FILM 0.047MF 10% 250V	
C1716	1-124-907-11	ELECT 10MF 20% 50V	
C1718	1-124-120-11	ELECT 220MF 20% 16V	
C1719	1-124-927-11	ELECT 4.7MF 20% 50V	
< CONNECTOR >			
CN1819	*1-568-882-51	PIN, CONNECTOR 7P	
< DIODE >			
D1701	8-719-901-33	DIODE 1SS133	
D1702	8-719-901-33	DIODE 1SS133	
D1703	8-719-901-33	DIODE 1SS133	
D1704	8-719-982-37	DIODE MTZJ-39C	
D1705	8-719-982-37	DIODE MTZJ-39C	
D1706	8-719-901-33	DIODE 1SS133	
D1707	8-719-901-33	DIODE 1SS133	
< COIL >			
L1701	1-408-417-00	INDUCTOR 47UH	
L1702	1-408-418-00	INDUCTOR 56UH	
< TRANSISTOR >			
Q1701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1702	8-729-173-38	TRANSISTOR 2SA733-K	
Q1703	8-729-017-05	TRANSISTOR 2SA1837	
Q1704	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1705	8-729-017-06	TRANSISTOR 2SC4793	
Q1706	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1707	8-729-140-96	TRANSISTOR 2SD774-34	
Q1708	8-729-901-59	TRANSISTOR BF199	
Q1709	8-729-255-12	TRANSISTOR 2SC2551-0	
< RESISTOR >			
R1701	1-247-807-31	CARBON 100 5% 1/4W	



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REF.NO.	PART NO.	DESCRIPTION	REMARK
R1702	1-249-420-11	CARBON	1.8K 5% 1/4W
R1703	1-247-807-31	CARBON	100 5% 1/4W
R1704	1-249-420-11	CARBON	1.8K 5% 1/4W
R1705	1-247-736-11	CARBON	56 5% 1/2W F
R1706	1-249-414-11	CARBON	560 5% 1/4W F
R1707	1-249-412-11	CARBON	390 5% 1/4W
R1709	1-249-416-11	CARBON	820 5% 1/4W
R1710	1-249-385-11	CARBON	2.2 5% 1/4W F
R1711	1-249-432-11	CARBON	18K 5% 1/4W
R1712	1-249-435-11	CARBON	33K 5% 1/4W
R1713	1-249-438-11	CARBON	56K 5% 1/4W
R1714	1-249-429-11	CARBON	10K 5% 1/4W
R1715	1-216-476-11	METAL OXIDE	180 5% 3W F
R1716	1-249-417-11	CARBON	1K 5% 1/4W F
R1717	1-249-432-11	CARBON	18K 5% 1/4W
R1718	1-249-410-11	CARBON	270 5% 1/4W
R1719	1-249-419-11	CARBON	1.5K 5% 1/4W
R1720	1-249-441-11	CARBON	100K 5% 1/4W
R1721	1-249-414-11	CARBON	560 5% 1/4W
R1722	1-249-385-11	CARBON	2.2 5% 1/4W F
R1723	1-249-429-11	CARBON	10K 5% 1/4W
R1724	1-249-436-11	CARBON	39K 5% 1/4W
R1725	1-249-417-11	CARBON	1K 5% 1/4W
R1726	1-249-411-11	CARBON	330 5% 1/4W
R1727	1-249-402-11	CARBON	56 5% 1/4W F
R1729	1-216-451-11	METAL OXIDE	120 5% 2W F
R1731	1-249-420-11	CARBON	1.8K 5% 1/4W
R1732	1-249-426-11	CARBON	5.6K 5% 1/4W
R1734	1-249-419-11	CARBON	1.5K 5% 1/4W

REF.NO.	PART NO.	DESCRIPTION	REMARK
		MISCELLANEOUS	

	1-406-807-11	COIL, DEGAUSSING	
	1-452-032-00	MAGNET, DISK; 10MM Ø	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
	1-452-509-41	NECK ASSY, PICTURE TUBE (NA-308)	
	1-453-169-11	TRANSFORMER ASSY, FLYBACK (UX-1604A2)	
	1-504-146-11	SPEAKER (5X11CM)	
	1-571-433-12	SWITCH, PUSH (AC POWER)	
	1-693-185-11	TUNER (UV916H)	
	1-751-680-11	CORD, POWER (WITH NOISE FILTER)	
	8-451-422-11	DEFLECTION YOKE (Y29GXA)	
V901	8-733-841-05	PICTURE TUBE (SD-269) (M68KZT10X)	

ACCESSORIES AND PACKING MATERIALS

4-039-906-11	BAG, PROTECTION
4-202-990-01	CUSHION (UPPER) (ASSY)
4-202-991-01	INDIVIDUAL CARTON
4-202-997-01	CUSHION (LOWER) (ASSY)
4-202-989-11	MANUAL, INSTRUCTION (KV-C2901D/C2908D/C2909D (DUTCH/ENGLISH/GERMAN/GREEK/TURKISH (ITALIAN
4-202-989-41	MANUAL, INSTRUCTION (KV-C2901A)
4-202-989-51	MANUAL, INSTRUCTION (KV-C2903B/C2908B/C2909B (FRENCH/GERMAN/ITALIAN
4-202-989-71	MANUAL, INSTRUCTION (SET.E) (KV-C2903E/C2908E/C2909E (DANISH/DUTCH/FINISH/FRENCH/GERMAN/ NORWEGIAN/PORTUGUESE/SPANISH/SWEEDISH
4-202-989-81	MANUAL, INSTRUCTION (SET.G) (KV-C2903E/C2908E/C2909E (DANISH/DUTCH/FINISH/FRENCH/GERMAN/ NORWEGIAN/PORTUGUESE/SPANISH/SWEEDISH
4-202-989-91	MANUAL, INSTRUCTION (KV-C2901K/C2909K) (BULGARIAN/CZECHOSLOVAKIAN/ENGLISH/ HUNGARIAN/POLISH/RUSSIAN

REMOTE COMMANDER

1-467-706-11	COMMANDER, STANDARD TYPE (RM-833)
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Sony Corporation
Consumer A & V Products Company
TV & Display Products Div.

9-974-890-01

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